



FIBRAMÉRICA

**HARDWARE
SOLUTIONS**



FIBRAMÉRICA

MINQING FIBRAMERICA TECHNOLOGY

Complete solutions for the intelligent development of fiber optic networks

Minqing Fibramerica Technology, under its trade name FIBRAMÉRICA, is one of the world's leading companies dedicated to the design, development, manufacture, distribution and marketing of advanced optical connectivity solutions. We work closely with the main players in the telecommunications market, such as operators, distributors and importers and installers all over the world, both as OEMs and under our own brand.

Its headquarters are located in Fuzhou, Fujian, China, with sales offices in Shanghai and Ningbo. It also has direct sales units in America, located in Brazil, where all commercial and technical support is provided in Spanish through its engineers and sector specialists. This expansion not only demonstrates its global vision, but also reflects its commitment to localized customer service, providing commercial and technical assistance in the same time zone and language as our customers.

On its path to excellence, FIBRAMÉRICA has adopted a continuous focus on improving processes, integrating emerging technologies and implementing effective communication strategies. Their dedication translates into competitive prices, efficient production times and comprehensive support, from the manufacturing process to product transportation.

Following the strictest international quality norms and standards, such as ISO9001, it guarantees that each of its products meets the quality and functionality expectations of the most demanding customers.

With a vision of the future, FIBRAMÉRICA focuses its efforts on developing and adapting new products, tailored to the specificities and needs of each project, from the initial design stage to final production.





HARDWARE

Fibramerica's fittings and terminals for tensioning and suspending aerial fiber optic networks represent an efficient and reliable solution for optical communication infrastructure. Specifically designed for ADSS (All-Dielectric Self-Supporting) fiber optic cables, these terminals are ideal for ensuring the stability and safety of networks in outdoor environments.

Fittings and terminals for tensioning and suspending aerial fiber optic networks play a crucial role in ensuring the integrity and stability of optical communication infrastructures. The terminals are specially designed to support ADSS (All-Dielectric Self-Supporting) fiber optic cables, offering a robust and reliable solution for installations on poles and towers.

The terminals provide a secure anchorage point for ADSS cables, allowing for proper tensioning and efficient suspension of the aerial network. They are constructed from materials that are resistant to weather and the external environment, guaranteeing durability and protection against adverse climatic conditions.

In addition, J-type, D-type and clamp-type connections are essential for securing and supporting fiber optic cables to terminals and support structures. These types of connections offer different fastening approaches, providing flexibility in installation and allowing adaptation to the specific needs of each project.

In short, fittings and terminals for tensioning and suspending aerial fiber optic networks are essential components for guaranteeing the stability, safety and reliability of optical communication networks, especially outdoors and in adverse conditions. By choosing the right terminals and fittings, network operators can ensure a robust and resilient infrastructure, capable of withstanding the growing demands of the future.



1KV



Features

- According to EN50483 standard.
- Strong PA66 cover with 1.5 times torque force testing without problem.
- High hardness Al alloy or Cu teeth with tin plated.
- Stable shear head force keep $\pm 2\text{Nm}$.
- Same hardness of nut and bolt thread, prevent from thread broken.
- UV protected plastic.
- Hot dip, dacromet or chroming galvanization, prevent from oxidation and corrosion.
- Some type can be used for underwater of 6kv withstand voltage, and compact structure of PVC or rubber lining with teeth and body to prevent from leakage.

Type	Main Line Section (mm ²)	Branch Line Section (mm ²)	Torque (Nm)	Nominal Current(A)	Bolt(mm)
FAB-KW756	0.75~6	0.75~6	-	40	M4*1
FAB-KYKJ-01	6-35	0.3247(AWG22)	-	10	M5*1
FAB-KW6/6	0.5~6	0.5~6	-	40	M4*1
FAB-KWEP	16~95	1.5~10	10	55	M6*1
FAB-KWEP-A	16~95	1.5~10	10	55	M6*1
FAB-KWEP-B	16~95(Bare cable)	1.5~10	10	55	M6*1
FAB-KW101	16~95	1.5~10	10	55	M6*1
FAB-KWHP	6~70	1.5~6	10	55	M6*1
FAB-KW-KEP	6~95	1.5~10	10	55	M6*1
FAB-KW102	6~50	4~25	15	102	M8*1
FAB-KW4-35	4~35	4~35	7	120	M6*1
FAB-KW2-95	16~95	4~50	20	157	M8*1
FAB-KW2-150	50~150	6~50	20	157	M8*1
FAB-KW-150/10	10~150	1.5~10	15	55	M8*1
FAB-KW3-95	25~95	25~95	20	214	M8*1
FAB-KW3-95N	25~95	25~95	20	214	M8*1
FAB-KW4-150	35~150	35~150	26	316	M8*1
FAB-KW4-150N	35~150	35~150	26	316	M8*1
FAB-KW4-150B	35~150	35~150	26	316	M8*1
FAB-KW-6	120~240	25~120	35	276	M10*1
FAB-KW6B	120~240	25~120	35	276	M10*1
FAB-KW240	50~240	50~240	32	425	M8*1
FAB-KW-150/150-A	35~150	35~150	20	316	M8*1
FAB-KW-150/150-B	35~150	35~150	20	316	M8*1
FAB-KW-150/35	50~150	4~50	18	157	M8*1
FAB-KW10-70A	16~95	4~50	18	157	M8*1

1KV INTEGRATED



FAB-KWEP-T



FAB-KWEP-BT



FAB-KW101-T



FAB-KW102-T



FAB-KW2-95T



FAB-KW2-150T



FAB-KW2-150BT



FAB-KW2-150BT-L



FAB-KW3-95T



FAB-KW4-150T



FAB-KWFS-95/50



FAB-KW-150/150ST-B



FAB-KW-150/150ST-B



FAB-KW-150/150ST-B

Type	Main Line Section (mm ²)	Branch Line Section(mm ²)	Torque (Nm)	Nominal Current(A)	Bolt(mm)
FAB-KWEP-T	16~95	1.5~10	10	55	M6*1
FAB-KWEP-BT	16~95	1.5~10	10	55	M6*1
FAB-KW101-T	1.5~25	1.5~10	10	55	M6*1
FAB-KW102-T	6~50	4~25	15	102	M8*1
FAB-KW2-95T	16~95	4~50	12	157	M8*1
FAB-KW2-150T	50~150	6~50	20	157	M8*1
FAB-KW2-150BT	16~150	4~50	15	157	M8*1
FAB-KW2-150BT-L	16~150(Bare Cable)	4~50	12	157	M8*1
FAB-KW3-95T	25~95	25~95	20	214	M8*1
FAB-KW4-150T	35~150	35~150	26	316	M8*1
FAB-KWFS-95/50	16~95	4~50	15	157	M8*1
FAB-KW-150/150ST-B	35~150	35~150	26	316	M8*2
FAB-KW-150/150ST-B	35~150	35~150	26	316	M8*1
FAB-KW-150/35T	50~150	4~50	18	157	M8*2

1KV CUSTOMIZED



FAB-KW2-95T



FAB-KW2-150L



FAB-KW4-150L



FAB-CTH35



FAB-CTH95T



FAB-KWLW-1



FAB-KWLW-2



FAB-CD21



FAB-CD71(B) | FAB-CD71(H)
FAB-CD71L



FAB-CD71(H)



FAB-CD72(B)



FAB-CT295-2



FAB-CT295-3

Type	Main Line Section (mm ²)	Branch Line Section(mm ²)	Torque (Nm)	Nominal Current(A)	Bolt(mm)
FAB-KW2-95L	16~95(Bare Cable)	4~50	15	157	M8*1
FAB-KW2-150L	10~95(Bare Cable)	6~16(Bare Cable)	15	65	M8*1
FAB-KW4-150L	16~150(Bare Cable)	16~120	20	276	M6*1
FAB-CTH35	16~95(Bare Cable)	4~50	15	157	M8*1
FAB-CTH95T	6~120(Bare Cable)	25~95	25	214	M10*1
FAB-KWLW-1	35~95(Bare Cable)	25~95	18	214	M8*1
FAB-KWLW-2	25~120(Bare Cable)	25~95	18	214	M8*1
FAB-CD21	120~240	25~120	35	276	M10*1
FAB-CD71(B) FAB-CD71(H)	35~95	4~70	18	180	M10*1
FAB-CD71L	16~120(Bare Cable)	4~70	18	180	M10*1
FAB-CD72(B) FAB-CD72(H)	35~95	2x4~70	18	180	M10*2
FAB-CT295-2	35~95	2.5~35	-	120	M10*2
FAB-CT295-3	35~95	2x2.5~35	-	120	M10*3

TTD Series 1KV



FAB-TTD041FJ



FAB-TTD051FJ



FAB-TTD101FJ



FAB-TTD151FJ



FAB-TTD201FJ



FAB-TTD251FJ



FAB-TTD271FJ



FAB-TTD281FJ



FAB-TTD301FJ



FAB-TTD401FJ



FAB-TTD431FJ



FAB-TTD441FJ



FAB-TTD451FJ



FAB-TTD551FJ

Features

- Insulation piercing connector property: It is mainly used for branch connection, and grounding protection for 1KV, 10KV and 20KV.

Simple installation

- Put the main wire and the branch wire directly on the right place without wire stripping. Tighten the shear head evenly by wrench.
- Low resistance and low temperature-rise: The special bolts can ensure equal piercing pressure for superior electric contact and less wire damage, so that make sure the normal service life of the pierced wire.
- Sealing structure with good insulation: tight insulated lining and enough compound to ensure the insulation function in good control when connector used outdoors.

Notice

- The conductors for installation should be under the connector range.
- Put on insulated gloves, use insulated wrench during installation.
- Do not re-use it after dis-assembly as its non-renewable character.

Type	Main Line Section (mm ²)	Branch Line Section(mm ²)	Max Current(A)	Bolt Qty	Bolt H(mm)	Torque (Nm)
FAB-TTD041FJ	6~35	1.5~10	86	M8*1	13	F1309
FAB-TTD051FJ	16~95	1.5~10	86	M8*1	13	F1309
FAB-TTD101FJ	6~50	2.5(6)~35	200	M8*1	13	F1314
FAB-TTD151FJ	25~95	2.5(6)~35	200	M8*1	13	F1314
FAB-TTD201FJ	35~95	25~95	377	M8*1	13	F1318
FAB-TTD251FJ	50~150	25~95	377	M8*1	13	F1318
FAB-TTD271FJ	35~120	35~120	377	M8*1	13	F1318
FAB-TTD281FJ	50~185	2.5(6)~150	200	M8*1	13	F1314
FAB-TTD301FJ	25~95	25~95	377	M8*2	13	F1314
FAB-TTD401FJ	50~185	50~150	504	M8*2	13	F1318
FAB-TTD431FJ	70~240	16~95	377	M10*2	17	F1720
FAB-TTD441FJ	95~240	50~150	504	M10*2	17	F1720
FAB-TTD451FJ	95~240	95~240	530	M10*2	17	F1725
FAB-TTD551FJ	120~400	95~240	679	M10*2	17	F1737

1KV 4 CORE



FAB-GHFC-1 | FAB-GHFC-2 | FAB-GHFC-3 | FAB-GHFC-4



FAB-DCNL-1



FAB-DCNL-2



FAB-DCNL-3

Type	Main Line Section (mm²)		Branch Line Section(mm²)		Torque (Nm)	Nominal Current(A)	Bolt (mm)
	Sector	Round	Sector	Round			
FAB-GHFC-1	70~95	50~95	6~50	6~70	-	157	M8*2
FAB-GHFC-2	95~150	70~150	6~50	6~70	-	157	M8*2
FAB-GHFC-3	95~150	95~150	6~150	6~150	-	316	M8*2
FAB-GHFC-4	185~240	185~240	6~50	6~70	-	157	M10*2
FAB-DCNL-1	10~95		1.5~10		-	-	-
FAB-DCNL-2	16~95		4~35		-	-	-
FAB-DCNL-3	25~120	50~240	25~95	50~95	-	-	-
FAB-DCNL-4	50~150		4~35		-	-	-
FAB-DCNL-5	35~150	185~240	35~150	50~150	-	-	-

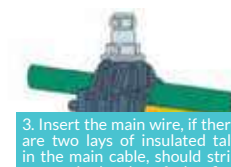
Installation



1. Adjust the connector nut to suitable location.



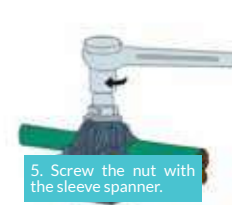
2. Put the branch wire in to the cap sheath fully.



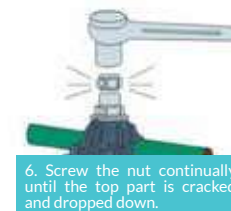
3. Insert the main wire, if there are two lays of insulated taly in the main cable, should strip a certain lenght of the first insulated lay from inserted end.



4. Turn the nut by hand, and fix the connector in suitable location.



5. Screw the nut with the sleeve spanner.



6. Screw the nut continually until the top part is cracked and dropped down.

Performance Testing

1. Mechanical performance: the grip force of the wire is 1/10 bigger than the break force of the lead, it complies with En50483.
2. Temperature rise performance: under the condition of big current, the temperature rise of connector is less than that of connection lead.
3. Heat circle performance: conforms to GB/T2317.3-2000, the heat circle trial standard for electric fitting.
4. Waterproof insulation performance: conforms to the relevant testing requirements in part 2 of GB/T13140.4-1998.
5. Resistance to corrosion performance: under the condition of acid and salt fog, it cand do three times of fourteen days circle testing.
6. Environmental aging performance: under the circumstance of ultraviolet, radiation, dry and moist, expose it with change of temperature and heat impulse for six weeks.
7. Fire-proof performance: insulation material of the connector withstands glowing filament test. Conform to the requirement in chapter 4-10 of GB/T5169.4.



Insulation Piercing Connectors (IPC)



Special nut and torque nut



Appearance diagram of installation



Section diagram of piercing effect



Piercing effect of insulated coat



Piercing effect of wire core

PAL METAL

The tension clamp are used to anchor and tighten LV-ABC lines with insulated neutral messenger. These clamps are easy to install without tools and suitable for various climatic conditions.

Standard
NFC 33-041, EN50483-3.



Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-PAL1000A	10~35	5~9.8	10
FAB-PAL1000	16~50	7~12	12
FAB-PAL1500	50~70	11~13	15
FAB-PAL2000	70~150	13~18	15

PAL METAL

The tension clamp are used to anchor and tighten LV-ABC lines with insulated neutral messenger.



Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-JBG-50-1000	25~50	8~11	10
FAB-JBG-70-1000	80~70	11~13	10

METAL

The tension clamp is designed for service line with 2 or 4 conductors.



FAB-KW160



FAB-KW161



FAB-PA4/16~35

Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-KW160	2x16~35	7~10	5
FAB-KW161	4x16~35	7~10	5
FAB-PA4/16~35	4x16~35	7~10	12

KW116, NES METAL

The tension clamp are used to anchor and tighten LV-ABC lines with insulated neutral messenger.



FAB-KW160



FAB-KW161



FAB-PA4/16~35

Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-KW160	4x16~50	7~11	20
FAB-KW161	4x16~50	7~11	20
FAB-PA4/16~35	4x50~120	13~16	20

PLASTIC

- Standard: NFC 33-042



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PA4/6-35P	4x16~35	2.5

PLASTIC

- Clamp body is made of high mechanical strength and weather resistant insulation material.
- Special designed clip is used to prevent the bail slipping from the body. Tool free installation.
- Standard: NFC 33-042



Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-PA16	10~70	6~13	3
FAB-PA16~95	4~120	4~16	2.5
FAB-PA4-20N	4~120	4~20	2.5

- Clamp body is made of high mechanical strength and weather resistant insulation material.
- Special designed clip is used to prevent the bail slipping from the body.
- Standard: NFC 33-042



Type	Cross-section(mm²)	Messenger DIA. (mm)	Breaking Load (kN)
FAB-PA25	6~25	4~9	4
FAB-PA1500	11.2~12.8	50~70	6
FAB-PA2000	12.8~14.8	70~95	8

- Standard: NFC 33-042



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PA4/6-35P	4x10~25	3

- The tension clamp is designed for service line with 2 or 4 conductors.
- Clamp body is made of high mechanical strength and wheather resistant insulation material
- Standard: NFC 33-042



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PA2/25	2x10~35	2.5
FAB-PA4/25	4x16~25	2.5
FAB-PA4/50	2x16~50	2.5

- The tension clamp is designed for service LV ABC Cables.
- Standard: NFC 33-042



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PA-903	25~70 / 2x10~25	1.5
FAB-PA25S	4x16~25	3
FAB-PA435A	4x16~35	2.5

1.1 Series

- The 1.1 series suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- Standard: EN504483-3, NFC 33-040



FAB-1.1A



FAB-1.1C

Type	Cross-section(mm²)	Breaking Load (kN)
FAB-1.1A	16~95	9
FAB-1.1C	16~95	4

PS25/120

- The PS25/120 suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- Standard: EN504483-3, NFC 33-040



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PA4/6-35P	4x25~120	10

KW94

- The KW94 suspension clamp are used to hang LV-ABC cables on poles with the bare messenger.
- Standard: EN504483-3, NFC 33-040



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-KW94	16~95	15

KW95

- The KW95 suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- Binding bolt equipped with wing nut allows tool free installation.
- Standard: EN504483-3, NFC 33-040



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-KW95	16~95	22

PS Series

- The PS suspension clamp is designed for the installation and suspension of four core self supporting LV-ABC cables to poles or walls.
- The clamp is made of hot-dip galvanized steel and weather resistant material.
- Equipped with shear head bolt. The clamp can be easily installed without damaging to the cable jacket.
- No loose parts.
- Standard: EN504483-3, NFC 33-040



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PS435	4x16~35	15
FAB-PS470	4x50~70	15
FAB-PS4120	4x95~120	15

PSP25-120

- The PSP25-120 suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- Standard: EN504483-3, NFC 33-040



Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PSP25-120	4x25~120	18

ES1500, 1.1B

- The ES1500 and 1.1B suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- The anchoring bracket is made of corrosion resistant aluminium alloy.
- The clamp and movable link is made of weather resistant and mechanically reliable insulated polymer. Easy cable installation without tools.
- The neutral messenger is placed in the groove and locked by an adjustable grip device to fit different cables sizes.
- Standard: EN504483-3, NFC 33-040



FAB-ES1000



FAB-ES1500



FAB-1.1B

Type	Cross-section(mm²)	Breaking Load (kN)
FAB-ES1000	25~95	10
FAB-ES1500	25~95	12
FAB-1.1B	25~95	12

922, 922B

- Suspension clamp is designed to support of ABC cables on wooden and concrete poles as well as on the facility walls.
- The clamp and movable link is made of weather resistant and mechanically reliable insulated polymer.
- Easy cable installation without tools.
- The neutral messenger is placed in the groove and locked by an adjustable grip device to fit different cables sizes.
- No loose parts.



FAB-922



FAB-922B

Type	Cross-section(mm²)	Breaking Load (kN)
FAB-922	3x95+2x16+50/8	4.5
FAB-922B	3x95+2x16+50/8	4.5

PS1500, 1.1F

- The PS1500 and 1.1F suspension clamp are used to hang LV-ABC cables on poles with the insulated neutral messenger.
- The anchoring bracket is made of corrosion resistant aluminium alloy.
- The clamp and movable link is made of weather resistant and mechanically reliable insulated polymer. Easy cable installation without tools.
- The neutral messenger is placed in the groove and locked by an adjustable grip device to fit different cables sizes.
- Standard: EN504483-3, NFC 33-040



FAB-PS1500



FAB-1.1F

Type	Cross-section(mm²)	Breaking Load (kN)
FAB-PS1500	25~95	15
FAB-1.1F	25~95	15

CA1200A, CA1500A

- Pole bracket for pole hardware mount enabling simple or double dead-ending applications on utility carrying power lines.
- These anchor brackets enable the execution of a simple or double anchoring on low voltage (LV) utility poles.



FAB-CA1200A



FAB-CA1500A

Type	Breaking Load (kN)
FAB-CA1200A	12
FAB-CA1500A	15



FAB-CA16



FAB-SF-1A



FAB-CA1600



FAB-ES1500L 12kN



FAB-PS1000L 15kN



FAB-CS16



FAB-CA25 5kN



FAB-CA1500 15kN



FAB-PMCC Male



FAB-PMCC Female



FAB-C200



FAB-Fuse Holder



FAB-ButterFly Branch-1



FAB-Nail



FAB-KWH1



FAB-MKC

CPTAU

The CPTAU pre-insulated bimetal lug is used to establish connection between LV-ABC cable and electrical equipments. Palm is made of 99,9% pure copper and sleeve is made of 99.5% pure aluminum.

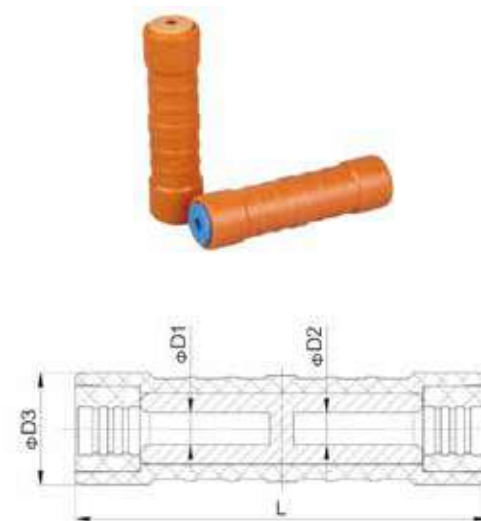
- Prefilled with jointing compound
- Standard: NFC 33-021, EN50483-4
- Water tightness test carried out at 6kV for 1 minute under water. Insulation tube is made of weather and UV resistant polymer.



Type	Aluminum full length L1 (mm)	Outer full length L (mm)	Copper head outer Diameter D2 (mm)	d1	D1	Dimensions (mm) d2	L2	S	Color	Tool
FAB-CPTAU16	42.5	76	ø20	5.2	10.5	17.3	20.5	4.6	blue	E140
FAB-CPTAU25	42.5	76	ø20	6.4	13	17.3	20.5	4.6	orange	E140
FAB-CPTAU35	54	97	ø25	7.9	13	22	25	6	red	E173
FAB-CPTAU50	54	97	ø25	8.9	13	22	25	6	yellow	E173
FAB-CPTAU54	54	97	ø25	9.9	13	22	25	6	black	E173
FAB-CPTAU70	54	97	ø25	10.4	13	22	25	6	white	E173
FAB-CPTAU95	54	97	ø25	12.1	13	22	25	6	gray	E173
FAB-CPTAU120	64	121	ø30.5	14.1	13	26.5	32	7.8	pink	E215
FAB-CPTAU150	64	121	ø30.5	15.4	13	26.5	32	7.8	purple	E215

MJPB

- The MJPB pre-insulated connectors is designed for service and lighting cables.
- Standard: NFC 33-021, EN50483-4
- Insulation tube is made of weather and UV resistant polymer.
- Cross-section of conductor can be easily identified by the color code of rings.
- Elastomeric ring and pre-filled grease enable super waterproof performance.
- Water tightness test carried out at 6kV for 1 minute under water.

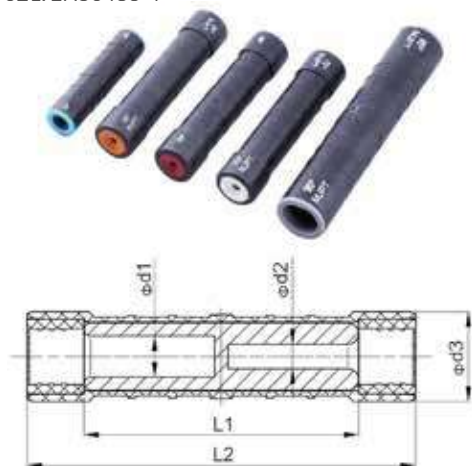


Type	Aluminum full length L1 (mm)	Outer full length L (mm)	Dimensions (mm) D1	D2	D2	Color	Tool
FAB-MJPB 16-6	48	70	5.2	3.3	19	Brown/Blue	E140
FAB-MJPB 16-10	48	70	5.2	4.3	19	Green/Blue	E140
FAB-MJPB 16-16	48	70	5.2	5.2	19	Blue/Blue	E140
FAB-MJPB 25-16	48	70	6.4	5.2	19	Blue/Orange	E140
FAB-MJPB 25-25	48	70	6.4	6.4	19	Orange	E140
FAB-MJPB 35-35	48	70	7.9	7.9	19	Red	E140

MJPT

The MJPT pre-insulated connectors are designed for LV-ABC systems with a neutral messenger. The MJPT is used on the neutral conductor.

- Stripping of cable insulation is required before insertion.
- Clear marks moulded onto the connector body, information including crimping sequence and frequency; Cable size; Stripping length of cable; Crimping die size.
- Cross-section of conductor can be easily identified by the color code of rings.
- Elastomeric ring and pre-filled grease enable super waterproof performance.
- Water tightness test carried out at 6kV for 1 minute under water.
- Insulation tube is made of weather and UV resistant polymer.
- Standard: NFC 33-021. EN50483-4

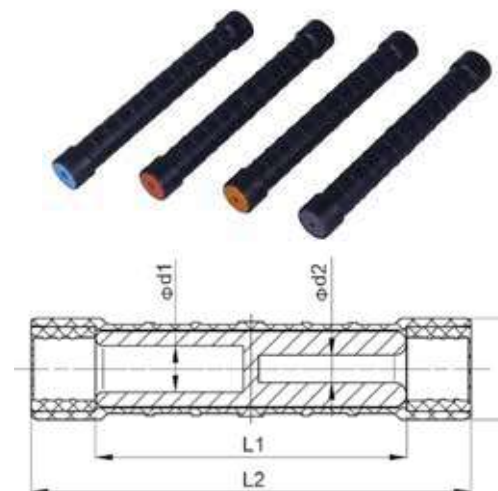


Type	Aluminum full length L1 (mm)	Outer full Length L (mm)	Dimensions (mm)			Color	Tool
			D1	D2	D3		
FAB-MJPT 16-16	73.6	104	5.2	5.2	23	blue/blue	E173
FAB-MJPT 25-25	73.6	104	6.4	6.4	23	orange/orange	E173
FAB-MJPT 35-35	73.6	104	7.9	7.9	23	red/red	E173
FAB-MJPT 50-50	73.6	104	8.9	8.9	23	yellow/yellow	E173
FAB-MJPT 54-54	73.6	104	9.9	9.9	23	black/black	E173
FAB-MJPT 70-70	73.6	104	5.2	5.2	23	white/white	E173
FAB-MJPT 95-95	73.6	104	10.4	10.4	23	gray/gray	E173
FAB-MJPT 120-120	73.6	107.5	12.1	12.1	26.5	pink/pink	E215
FAB-MJPT 150-150	73.5	107.5	15.4	15.4	26.5	purple/purple	E215

MJPTN

The MJPTN pre-insulated connectors are designed for LV-ABC systems with a neutral messenger. The MJPTN is used on the neutral conductor.

- Stripping of cable insulation is required before insertion.
- Clear marks moulded onto the connector body, information including crimping sequence and frequency; Cable size; Stripping length of cable; Crimping die size.
- Cross-section of conductor can be easily identified by the color code of rings.
- Elastomeric ring and pre-filled grease enable super waterproof performance.
- Pre-filled with jointing compound.
- Water tightness test carried out at 6kV for 1 minute under water.
- Insulation tube is made of weather and UV resistant polymer.
- Standard: NFC 33-021. EN50483-4



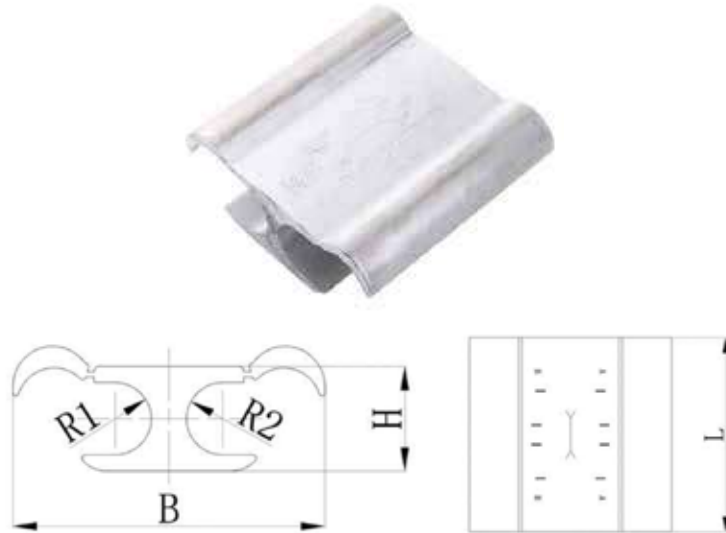
Type	Aluminum full length L1 (mm)	Outer full Length L (mm)	Dimensions (mm)			Color	Tool
			D1	D2	D3		
FAB-MJPT 50N	172	140	8.9	8.9	23	yellow	E173
FAB-MJPT 54N	172	140	9.9	9.9	23	black	E173
FAB-MJPT 70N	172	140	10.4	10.4	23	white	E173
FAB-MJPT 95N	172	140	12.1	12.1	23	gray	E173
FAB-MJPT 120N	172	140	14.1	14.1	26.5	pink	E173
FAB-MJPT 150N	172	140	15.4	15.4	26.5	purple	E173

H Type

JH clamp is a kind of connection clamp used for all kinds of high and low tension & non-tension wire, suitable for steel core aluminum wire (LGJ), aluminum stranded wire (LJ), aluminum wire overhead insulated cable (JKLYJ), core aluminum wire overhead insulated cable (JKIGYG), copper wire and other materials free to connect.

Structure Feature

- The resistance is small, low temperature, saving energy, safe e reliable.
- Clamp is made of high strength aluminum alloy, safe e stable.



Type	Main Line (mm ²)	Branch Line (mm ²)	L	Product Size (mm)		
				R1	R2	H
FAB-JH-1	4.8~8.2	4.8~8.2	38	4.5	4.5	14.5
FAB-JH-2	8.4~14	4.8~9.6	48	7.5	5.8	20.5
FAB-JH-3	8.4~14	8.4~14	60	7.5	7.5	21.5
FAB-JH-4	11.6~22.4	4.8~11.6	51	11.3	6.5	21.5
FAB-JH-5	11.6~22.4	10~16	51	11.3	8.5	31.5
FAB-JH-6	14.6~22.4	14.6~22.4	89	11.3	11.3	32

JXD Wedge

JXD series wedge clamp is suitable for no-bearing connection of conductor for overhead distribution circuit, also for mating aluminum connection, overhead insulated aluminum wire, insulation sheath or clamp, it takes effect on protection.

Structure Feature

- It can save energy.
- Good contacting performance, big contacting surface for wedge elastic damping and conductor stable.
- Clamping force the rate of DC resistance is 0.85~0.9.
- Strong overload capacity, wedge elastic damp and overload capacity is 2 times of rated current.
- Good thermal circle performance, operating under the rate of DC resistance for less than 1 all the time.
- Gain the aim of free maintenance, no-failure and longlife.

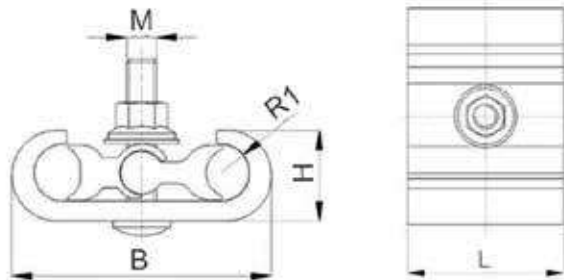


Type	Main Line (mm ²)	Branch Line (mm ²)	L1	L2	Product Size (mm)		
					L3	H1	H2
FAB-JXD-1	16~120	16~120	42	50	64	7	14
FAB-JXD-2	120~150	16~150	50	56	68.5	7	15
FAB-JXD-3	185	25~185	76	86	91	8	18.5
FAB-JXD-4	240	25~240	76	86	95.5	8	22

Bolt Type C

Structure Feature

- Made of non-magnetic, no electrical loss.
- Wedge type resistant contact.
- Easy to cooperate with many kinds of conductors.
- High flexibility, re-usable. long service life.



Type	Main Line (mm ²)	Branch Line (mm ²)	B	Product Size (mm)		
				R	L	M
FAB-KY-C1	240~300	200~300	105	11.5	75	12
FAB-KY-C2	185	35~185	87	9.7	70	12
FAB-KY-C3	150	35~150	75	8.7	52	10
FAB-KY-C1	120	35~150	71	8	52	10
FAB-KY-5	70~95	35~95	64	6.4	50	10
FAB-KY-6	16~50	16~50	64	6.4	50	10

NLL, Tension Clamp

NLL series aluminum alloy strain clamp (Bolt type) is suitable for aerial line up to 35KV, fixing aluminum wire or steel core minimum wire on the strain pole, aerial insulation aluminum conductor and insulation aluminum cover are being used together action is insulation protection.

Structure Feature

- The body is made of high-strength aluminum alloy.
- Smooth surface long service life.
- Easy installation.
- No waste electric energy.



Type	Cable Diameter (mm)	Breaking Load (kN)	U Bolts Qty
FAB-NLL-1	5.0~15.5	60	2
FAB-NLL-1A	5.0~15.5	60	2
FAB-NLL-1B	5.0~15.5	60	2
FAB-NLL-2	8.5~19.6	60	2
FAB-NLL-2A	5.0~15.5	60	2
FAB-NLL-2B	5.1~20.5	60	2
FAB-NLL-3	11.4~22.6	80	3
FAB-NLL-3A	11.4~22.6	80	3
FAB-NLL-3B	11.4~22.6	80	3
FAB-NLL-4	13~26.4	90	3
FAB-NLL-4A	13~26.4	90	3



Type	Cable Diameter (mm)	Breaking Load (kN)	U Bolts Qty
FAB-NLL-1	3~8.5	10	1
FAB-NLL-1A	3~15	30	2

NXJ

NXJ series is suitable for strain clamp 10KV or below JKLYJ wire.

Structure Feature

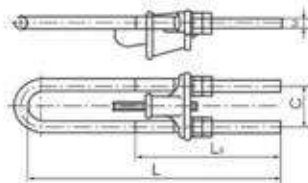
- The body is made of high-strength aluminum alloy.
- Smooth surface long service life.
- Easy installation.
- No waste electric energy.



Type	Applicable wire nominal cross-section (mm)	L	L1	L2	B	H	C	M	Nominal breaking load (kN)	Reference quality (KGS)
FAB-NXG-1	35~50	290	112	138	70	29	18	14	7.4	0.8
FAB-NXG-2	70~95	315	135	175	84	29	18	14	14.5	1
FAB-NXG-3	120~150	400	146	170	100	30	18	14	22.1	1.6
FAB-NXG-4	185~240	400	150	180	105	35	18	16	36.5	1.8

NUT Type Clamp (Adjustable)

Clamp body and wedge are cast iron, others are steel, all are hot galvanized.



Type	Steel wire DIA (mm)	C	Main dimensions (mm)	Rated failure load (kN)
FAB-NUT-1	6.6~7.8	56	M 16 L 350 L1 200	45
FAB-NUT-2	9.1~11.0	62	M 18 L 430 L1 250	88
FAB-NUT-3	13.0~14.0	74	M 22 L 500 L1 300	143
FAB-NUT-4	15.0~16.0	82	M 24 L 580 L1 300	164

NXL

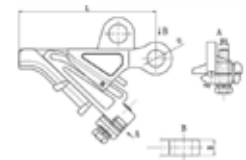
NXL series strain clamp is suitable for distribution wire up to 10KV, fixing the aerial insulation aluminum conductor or naked aluminum conductor on the rotate angle or insulator of terminal strain pole, and then fixing and tightening the aerial conductor.

Structure Feature

- Choose the unmagnetic character high-intensity oxidate-resistant aluminum alloy. No waste electric energy.
- Wedge-locked structure, easy installation.
- An are embrace the most part, conductor can't change.
- Large grip strength.

Insulation Cover Performance Feature

- Withstand voltage: =18kV keep voltage one minute not breakdown
- Insulation resistance: $>1.0 \times 10^{14} \Omega$
- Environmental temperature: -30°C to 90°C



Type	Applicable wire nominal cross-section (mm)	Reference stripping length (mm)	Main dimensions (mm)	Grip (kN)	Nominal breaking load (kN)
FAB-NXL-1	35~50	225	L 145 ø 18 R 5 B 16	4.6	7.4
FAB-NXL-2	70~95	245	L 155 ø 18 R 6 B 16	9	14.5
FAB-NXL-3	120~150	255	L 165 ø 18 R 8.5 B 16	13.7	22.1
FAB-NXL-4	185~240	300	L 190 ø 18 R 11 B 16	22.6	36.5

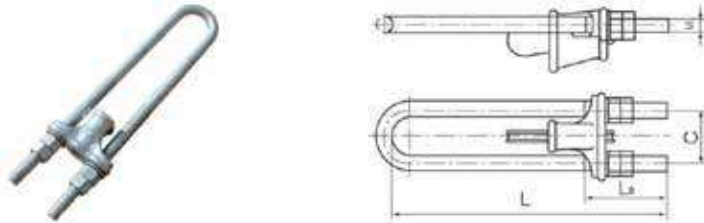
NXJL



Type	Applicable wire nominal cross-section (mm)	Main dimensions (mm)	Nominal breaking load (kN)	Reference quality (KGS)
FAB-NXJL-1	35~50	L 290 L1 112 L2 138 B 70 H 29	18	14
FAB-NXJL-2	35~50	L 290 L1 112 L2 138 B 70 H 29	18	14
FAB-NXJL-3	35~50	L 290 L1 112 L2 138 B 70 H 29	18	14

NU Type Clamp (Non-adjustable)

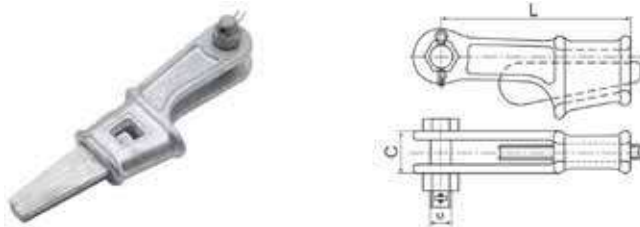
Clamp body and wedge are cast iron, others are steel, all are hot galvanized.



Type	Steel wire DIA (mm)	C	Main dimensions (mm)			Rated failure load (kN)
			M	L	L1	
FAB-NU-1	6.6~7.8	56	16	290	70	45
FAB-NU-2	9.1~11.0	62	18	290	70	88
FAB-NU-3	13.0~14.0	74	22	290	60	143
FAB-NU-4	15.0~16.0	82	24	340	70	164

NX Type Clamp (Adjustable)

Clamp body and wedge are cast iron, others are steel, all are hot galvanized.



Type	Steel wire DIA (mm)	C	Main dimensions (mm)			Rated failure load (kN)
			M	L	L1	
FAB-NX-1	6.4~8.6	18	16	150	6	45
FAB-NX-2	8.6~12.0	20	18	180	7.3	88
FAB-NX-3	12.0~14.5	24	24	200	7.3	143
FAB-NX-4	15.0~16.0	28	27	220	8	164

Cable Saddle

- The body and cable tie are made of UV resistant synthetic material.
- The opening under the saddle allows the use of a extra tie (not provided) to install a second conductor.
- Standard: NFC 33-040 and EN 50-483.



Type	Cable Size (mm²)
FAB-EC 001	6 ~ 35
FAB-EC 002	95~150
FAB-EC 003	95~240

End Cap

- The flexible end caps are used to ensure insulation of the end of a conductor. They are used indoors and outdoors.
- The dielectric strength in water is higher than 6KV.
- The body is made of UV resistant black flexible synthetic material.



Type	Wall distance (mm)	Type
FAB-KW-A	3.5	12-47
FAB-KW-1	6	15-47
FAB-KW-2	4	12-47
FAB-KW-3	6	15-47
FAB-KW-4	8	-

APG, Aluminum

The APG parallel groove clamps are designed to connect two aluminum conductors. Advanced forging technology enhances the mechanical strength of the clamp.

- APG series products are applicable for 30KV and below.
- Special designed screw hole and arc shape of the body allow clamp to adjust to different cable size on each side.
- Clamp body is made of aluminum with excellent electrical conductivity.
- Gross-grooved clamp channels enhance both mechanical pull out strength and electrical conductivity.
- Material of bolt and nut depend on customer request. Options include hot-dip galvanized steel and stainless steel. Pressure pad is applied to achieve uniform pressure along the clamp.



Type	Conductor Cross-section (mm ²)	Bolts
FAB-APG-A1	Al16-70	1xM8
FAB-APG-A2	Al16-150	1xM8
FAB-APG-B1	Al16-35	2xM8
FAB-APG-B2	Al16-70	2xM8
FAB-APG-B3	Al16-150	2xM8
FAB-APG-B4	Al25-185	2xM10
FAB-APG-C1	Al16-70	3xM8
FAB-APG-C2	Al16-150	3xM8
FAB-APG-C3	Al25-240	3xM10
FAB-APG-C4	Al35-300	3xM10

CAPG, Bimetal

The CAPG parallel groove clamps are designed to connect aluminum conductors and copper conductors. Advanced forging technology enhances the mechanical strength of the clamp.

- CAPG series products are applicable for 30KV and below.
- Special designed screw hole and arc shape of the body allow clamp to adjust to different cable size on each side.
- Clamp body is made of aluminum with excellent electrical conductivity.
- Materials of bolt and nut are optional depend on customer request. Options include hot-dip galvanized steel and stainless steel. Pressure pad is applied to achieve uniform pressure along the clamp.



Type	Conductor Cross-section (mm ²)	Bolts
FAB-CAPG-A1	Cu6-50 / Al16-70	1xM8
FAB-CAPG-A2	Cu10-95 / Al25-150	1xM8
FAB-CAPG-B1	Cu6-50 / Al16-70	2xM8
FAB-CAPG-B2	Cu10-95 / Al25-150	2xM8
FAB-CAPG-B3	Cu25-185 / Al35-200	2xM10
FAB-CAPG-C1	Cu6-50 / Al16-70	3xM8
FAB-CAPG-C2	Cu10-95 / Al25-150	3xM8
FAB-CAPG-C3	Cu25-185 / Al35-240	3xM10
FAB-CAPG-C4	Cu35-240 / Al35-300	3xM10



Anchor Clamp for Round Cables

The anchoring clamps are designed for a fast, easy and reliable dead-ending of fiber optic cables on access networks with spans up to 100m.

A pair of wedges grips the cable automatically within the conical body. The installation does not require any specific tools and the operating time is drastically reduced.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PA300	3.7	2
FAB-PA500	3.9	4
FAB-PA600	6.9	2



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PAL90-1500A	8-11	12
FAB-PAL90-1500	10-13	12

Instructions for Installation

Anchoring clamps for ADSS cables installed on short spans (100m max.).



PA37/PA39/PA69



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PA37	3.7	2
FAB-PA39	3.9	4
FAB-PA69	6.9	2

PA05



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PA05	3.7	2

PA06/PA07



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PA06	4.5-7	4
FAB-PA07	3-7.5	4

PA08/PA09



Type	Cable Diameter (mm)	Break Load (kN)
FAB-PA08	3.5 - 6.5	5.5
FAB-PA09	5 - 10	8

ODWAC-15

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-15	2 x 6	1

ODWAC-22/26

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-22	2 x 6	1
FAB-ODWAC-26	2 x 6	1

ODWAC-21T

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-21T	3 x 6	1

ODWAC-22S

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-22S	(2-3) x (4-8)	1

ODWAC-24

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-24	2 x 5	1

ODWAC-24S

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-24S	2 x 5	1

ODWAC-22H

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-22H	(2-3) x (4-8)	1

ODWAC-24G

Type	Cable Diameter (mm)	Break Load (kN)
FAB-ODWAC-24G	2 x 6	1

S-Type



Type	Cable Diameter (mm)	Break Load (kN)
FAB-S-TYPE	2 x 5	1
FAB-S-TYPE1	2 x 5	1
FAB-S-TYPE2	2 x 5	1
FAB-S-TYPE3	2 x 5	1

C350/C360



FAB-C350



FAB-C350-2

Type	Cable Diameter (mm)	Break Load (kN)
FAB-C350	3.0, 2*3.1, 3.3*2, 5*2	0.9
FAB-C350-2	2 x 5	0.5



FAB-C360

FAB-C360-2

FAB-C360-3

FAB-C360-4

FAB-C360-5

Type	Cable Diameter (mm)	Break Load (kN)
FAB-C360	3 x 7	0.9

ACC Clamp for Round Drop Wires

The drop wire clamp is composed of a mandrel shaped body and an opened bail that can be locked into the clamp body. It is made out of UV resistant nylon.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-ACC	2 x 6	2

Suspension of Figure-8 Fiber Optic and Copper Cables

These suspension clamps are designed for distribution networks with spans up to 70m. The clamp has two grooves to cover all messenger sizes from Ø 3 to 9mm. It can be installed either on wooden poles with one securing bolt BH14 or BH16, or on metallic poles with a pole banding fixing kit.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-SSA-1	3 - 9	8

HC

Hook clamps are designed to provide a suspension for 10 to 20mm aerial ADSS cables at intermediate poles on cable routes with angle <20 on access networks (spans up to 100m).

The suspension clamp for ADSS cable consists of a galvanized steel J hook, a neoprene sleeve and tightening screw. The clamp may be installed on poles using either a pig tail bolt or 2 pole brands.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-HC-5-8	5-8	4
FAB-HC-8-12	8-12	4
FAB-HC-10-15	10-15	4
FAB-HC-15-20	15-20	4

CS

These suspension clamps are designed for distribution networks with spans up to 70m. Suspension of cooper cables. It can be installed using either one traversing bolt or a polebanding fixing kit. The curved grooves improve the cable grip and enable angles up to 25 degrees.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-CS-5-8	4 - 5 / 5 - 9	8

SSA

These suspension clamps are designed for distribution networks with spans up to 70m. They should be installed on hook bolts for free but secured motion.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-SSA	4 - 5 / 5 - 9	8

D6/D8

The suspension clamp D6 consists of a nylon body with an integrant nylon bail and a neoprene sleeve. The clamp is suitable for both round and flat FO cables. Optionally a cable tie secures the clamp body.



FAB-D6

FAB-D8-02

Type	Cable Diameter (mm)	Break Load (kN)
FAB-D6	4 - 8	0.3
FAB-D8-02	2 - 4	-
FAB-D8-06	6 - 8	-
FAB-D8-08	8 - 10	-
FAB-D8-10	10 - 15	-

ZP-8-2

These suspension clamps are designed for distribution networks with spans up to 70m. The clamp has two grooves to cover all messenger sizes from Ø 3 to 9mm. It can be installed either on wooden poles with onde securing bolt BH14 or BH16, or on metallic poles with a pole banding fixing kit.



Type	Cable Diameter (mm)	Break Load (kN)
FAB-ZP-8-2	4 - 8	2

UPB Universal Pole Bracket

UPB for the installation of 1 to 3 parallel cables, of 5 drop wires, and of stay system on all types of poles. Can serve as a plate for the installation of cross-arms 5/14 and 5/15. Installed on poles with 14/16mm bolts or with two 20mm bands.



Type	Break Load (kN)
FAB-UPB	10

KWMH Dro Wire Bracket



Type	Cable Diameter (mm)	Break Load (kN)
FAB-KWMH	12-20	15

YK01 Optical Fiber Bracket



Type	Break Load (kN)
FAB-YK01	2.5

LT/LTW Cable Storage Assembly for Tower



FAB-LT



FAB-LTW

Type	L1 (mm)	L2 (kN)
FAB-LT	400	1200
FAB-LTW	400	900

LG/LGW Cable Storage Assembly for Pole



FAB-LG



FAB-LGW



Type	L1 (mm)	L2 (kN)
FAB-LG	400	1200
FAB-LGW	400	900

NX Type Clamp (Adjustable)

Fiber Storage Units are used to storage mounting of cables. It can be used overhead on wire or mouting on pole or wall.

Advance

- Cable can be storage alone inside channel.
- The channel is designed to tie the cable mounting on it, ice and water leaf was also be designed.
- It can be hanger on steel wire. Hanging part (bolts, nuts, washers) was designed according strand clamps or cable fixed.
- Cable can be easy to tie, wrap in slot of channel for securing.
- Constructed from PP material, UV material also can be used if need.



FAB-FSU-D600



FAB-FSU-D400

FAB-FSU-D400S

Type	Channel	Out side (mm)	Inside Round (mm)	Minimum Bend Diameter (mm)	Storage Cable Lenght (m)
FAB-FSU-D600	45 x 45	440x640x455	400	20	12
FAB-FSU-D400	45 x 45	390x418x50	300	20	12
FAB-FSU-D400S	100 x 117	390x100x117	300	20	30

ADSS Connecting Clamp & Bracket





Stainless Steel Strap & Cable Ties

Main Features

- Stainless steel has good anti-corrosion and anti-oxidation functions, and different grades of stainless steel can adapt to various environments.
- The surface of the steel strip is marked with a metric mark every 10cm. The user can use the mark to accurately measure the required length, improve construction efficiency and reduce waste.
- It needs to be used with stainless steel buckles. It can be used in various sizes for different environments and tension requirements. In theory, it can provide up to 1.5 tons of bundle tension.
- Usually use economical carton packaging, users can also choose portable plastic box packaging, easy to carry out emergency maintenance and high altitude operation of the facility.

Product Application



Monitor Installation



Tied up



Pipeline Installation



Signage Installation



Ventilation Equipment



Ad Install

1. Naked Stainless Steel Band in Paper Carton

2. Naked Stainless Steel Band in Plastic Dispenser

Stainless steel can be used with all kinds of buckles for providing enough fastening force. Laser marking as customer's requirement. All length are available.



MODEL	Width (mm)	Thickness (mm)
FAB-KW-4.6	4.6	0.25
FAB-KW-6.4	6.4	0.4 0.5
FAB-KW-7.9	7.9	0.25
FAB-KW-9.5	9.5	0.5
FAB-KW-10	10	0.25
FAB-KW-12	12	0.25 0.4 0.5
FAB-KW-12.7	12.7	0.5 0.76
FAB-KW-16	16	0.25 0.5 0.76
FAB-KW-19	19	0.4 0.5 0.7 0.75
FAB-KW-21	21	1
FAB-KW-25	25	0.5
FAB-KW-32	21	0.5



Epoxy Coated Stainless Steel Band

MODEL	Width		Thickness	
	mm	inch	mm	inch
FAB-KW-8	8	0.315	0.4	0.016
FAB-KW-12	12	0.472	0.4	0.016
FAB-KW-16	16	0.63	0.4	0.016
FAB-KW-19	19	0.75	0.4	0.016



Plastic Coated Stainless Steel Band

MODEL	Width		Thickness	
	mm	inch	mm	inch
FAB-KW-8	8	0.315	0.4	0.016
FAB-KW-12	12	0.472	0.4	0.016
FAB-KW-16	16	0.63	0.4	0.016
FAB-KW-19	19	0.75	0.4	0.016

KW-L Type



MODEL	Width		Thickness
	mm	inch	
FAB-KW-L6.4	6.4	0.25	0.7
FAB-KW-L8	8	0.31	0.7
FAB-KW-L10	10	0.39	0.7
FAB-KW-L12.7	12.7	0.5	0.7
FAB-KW-L16	16	0.63	0.7
FAB-KW-L19	19	0.75	0.5 0.9
FAB-KW-L25	25	0.95	1.2
FAB-KW-L32	32	1.26	1.2

KW-Y Type



MODEL	Width		Thickness
	mm	inch	
FAB-KW-Y6.4	6.4	0.25	0.5 0.8 1.0
FAB-KW-Y8	8	0.31	0.5
FAB-KW-Y10	10	0.39	1.0 1.2
FAB-KW-Y12.7	12.7	0.5	1.2 1.5
FAB-KW-Y16	16	0.63	1.2 1.5 1.8
FAB-KW-Y19	19	0.75	1.5 1.8
FAB-KW-Y25	25	0.98	1.8
FAB-KW-Y32	32	1.26	1.8

KW-SC Type



MODEL	Width		Thickness
	mm	inch	
FAB-KW-SC6.4	6.4	0.25	1.2
FAB-KW-SC9.5	9.5	0.39	1.5
FAB-KW-SC12.7	12.7	0.5	1.8
FAB-KW-SC16	16	0.63	2.2
FAB-KW-SC19	19	0.75	2.2

KW-C Type



MODEL	Width		Thickness
	mm	inch	
FAB-KW-C6.4	6.4	0.18	0.5
FAB-KW-C7.9	7.9	0.32	0.7
FAB-KW-C10	10	0.39	0.7
FAB-KW-C12	12	0.47	0.8
FAB-KW-C16	16	0.63	0.8
FAB-KW-Y32	19	0.75	1.0

KW-Q Type



MODEL	Length of the shape		Width of the shape		Size of s. s. banding	
	mm	inch	mm	inch	mm	inch
FAB-KW-Q32x17	32	1.26	17	0.67	20	0.76
FAB-KW-Q32x22	32	1.26	22	0.87	20	0.76
FAB-KW-Q32x25	32	1.26	25	0.98	20	0.76
FAB-KW-Q32x30	32	1.26	30	1.18	20	0.76
FAB-KW-Q70x13	70	2.76	13	0.51	20	0.76
FAB-KW-Q70x17	70	2.76	17	0.67	20	0.76
FAB-KW-Q70x19	70	2.76	19	0.75	20	0.76
FAB-KW-Q70x22	70	2.76	22	0.87	20	0.76
FAB-KW-Q70x25	70	2.76	25	0.98	20	0.76
FAB-KW-Q70x30	70	2.76	30	1.18	20	0.76

Naked Stainless Steel Cable Tie - Ball Self-locking Type

- Material: Surface mirror polished SUS304/316. All length are available.
- Characteristics: High resistance to acetic acid, alkali acid, sulphuric acid, corrosion, etc. High tensile strength, easy and quick application.
- Working temperature: -60°C~150°C Length and thickness are customizable



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-C 4.6x100	0.25	0.01	4.6	0.18	100	3.94	24	0.95	600(135)
FAB-KW-C 4.6x150					150	5.91	37	1.46	
FAB-KW-C 4.6x200					200	7.87	50	1.97	
FAB-KW-C 4.6x250					250	9.84	63	2.48	
FAB-KW-C 4.6x300					300	11.81	76	2.99	
FAB-KW-C 4.6x350					350	13.78	89	3.5	
FAB-KW-C 4.6x400					400	15.75	102	4.02	
FAB-KW-C 4.6x500					500	19.69	130	5.12	
FAB-KW-C 8x150	0.25	0.01	8	0.31	150	5.91	37	1.46	800(180)
FAB-KW-C 8x200					200	7.87	50	1.97	
FAB-KW-C 8x250					250	9.84	63	2.48	
FAB-KW-C 8x300					300	11.81	76	2.9	
FAB-KW-C 8x350					350	13.78	89	3.5	
FAB-KW-C 8x400					400	15.75	102	4.02	
FAB-KW-C 8x500	0.25	0.01	10	0.39	500	19.69	130	5.15	1000(225)
FAB-KW-C 10x200					200	7.87	50	1.97	
FAB-KW-C 10x300					300	11.81	76	2.99	
FAB-KW-C 10x400					400	15.75	102	4.02	
FAB-KW-C 10x500	0.25	0.01	12	0.39	500	19.69	130	5.12	1200(270)
FAB-KW-C 12x500					600	23.62	160	6.3	
FAB-KW-C 12x600	0.3	0.0015	12	0.47	700	27.56	190	7.48	1200(270)
FAB-KW-C 12x700					800	31.5	220	8.66	
FAB-KW-C 12x800	0.3	0.0015	16	0.63	800	31.5	220	8.66	1600(360)
FAB-KW-C 16x800					900	35.43	250	9.84	
FAB-KW-C 16x900					1000	39.37	280	11.02	
FAB-KW-C 16x1000	0.25	0.01	19	0.75	1000	39.37	280	11.02	2000(450)
FAB-KW-C 19x1000					1100	43.31	310	12.2	
FAB-KW-C 19x1100					1200	47.24	340	13.39	
FAB-KW-C 19x1200									

Epoxy Coated Stainless Steel Cable Tie - Ball Self-locking Type

- Material: Surface mirror polished SUS304/316 with epoxy coated. All length are available. OEM is accepted.
- Characteristics: High resistance to acetic acid, alkali acid, sulphuric acid, corrosion, etc. High tensile strength, easy and quick application and non-flammability
- Working temperature: -40°C~85°C

Length and thickness can be customized, other special colors can be customized.



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-C1 4.6x150	0.25	0.01	4.6	0.18	150	5.91	37	1.46	600(135)
FAB-KW-C1 4.6x200					200	7.87	50	1.97	
FAB-KW-C1 4.6x250					250	9.84	63	2.48	
FAB-KW-C1 4.6x300					300	11.81	76	2.99	
FAB-KW-C1 4.6x350					350	13.78	89	3.5	
FAB-KW-C1 4.6x400					400	15.75	102	4.02	
FAB-KW-C1 4.6x500					500	19.69	130	5.12	
FAB-KW-C1 8x200	0.25	0.01	8	0.31	200	7.87	50	1.97	800(180)
FAB-KW-C1 8x250					250	9.84	63	2.48	
FAB-KW-C1 8x300					300	11.81	76	2.99	
FAB-KW-C1 8x350					350	13.78	89	3.5	
FAB-KW-C1 8x400					400	15.75	102	4.02	
FAB-KW-C1 8x500					500	19.69	130	5.15	
FAB-KW-C1 10x300	0.25	0.01	10	0.39	300	11.81	76	2.99	1000(225)
FAB-KW-C1 10x400					400	15.75	102	4.02	
FAB-KW-C1 10x500					500	19.69	130	5.12	
FAB-KW-C1 12x600	0.25	0.01	12	0.47	600	23.62	160	6.3	1200(270)
FAB-KW-C1 12x700	0.4	0.02			700	27.56	190	7.48	
FAB-KW-C1 12x800					800	31.5	220	8.66	
FAB-KW-C1 16x900	0.3	0.015	16	0.63	900	35.43	250	9.84	1600(360)
FAB-KW-C1 16x1000	0.4	0.02			1000	39.37	280	11.02	
FAB-KW-C1 19x1000	0.25	0.01	19	0.75	1000	39.37	280	11.02	2000(450)
FAB-KW-C1 19x1100					1100	43.31	310	12.2	
FAB-KW-C1 19x1200					1200	47.24	340	13.39	

Full Epoxy Coated Stainless Steel Cable Tie - Ball Self-locking Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-C2 4.6x150	0.25	0.01	4.6	0.18	150	5.91	37	1.46	600(135)
FAB-KW-C2 4.6x200					200	7.87	50	1.97	
FAB-KW-C2 4.6x250					250	9.84	63	2.48	
FAB-KW-C2 4.6x300					300	11.81	76	2.99	
FAB-KW-C2 4.6x350					350	13.78	89	3.5	
FAB-KW-C2 4.6x400					400	15.75	102	4.02	
FAB-KW-C2 4.6x500					500	19.69	130	5.12	
FAB-KW-C2 8x200	0.25	0.01	8	0.31	200	7.87	50	1.97	800(180)
FAB-KW-C2 8x250					250	9.84	63	2.48	
FAB-KW-C2 8x300					300	11.81	76	2.99	
FAB-KW-C2 8x350					350	13.78	89	3.5	
FAB-KW-C2 8x400					400	15.75	102	4.02	
FAB-KW-C2 8x500					500	19.69	130	5.15	
FAB-KW-C2 10x300	0.25	0.01	10	0.39	300	11.81	76	2.99	1000(225)
FAB-KW-C2 10x400					400	15.75	102	4.02	
FAB-KW-C2 10x500					500	19.69	130	5.15	
FAB-KW-C2 12x600	0.25	0.01	12	0.47	600	23.62	160	6.3	1200(270)
FAB-KW-C2 12x700					700	27.56	190	7.48	
FAB-KW-C2 12x800					800	31.5	220	8.66	

PVC Coated Stainless Steel Cable Tie - Ball Self-locking Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-C3 5.5x200	1.2	0.05	5.5	0.22	200	7.87	50	1.97	600(135)
FAB-KW-C3 5.5x300					300	11.81	76	2.99	
FAB-KW-C3 5.5x400					400	15.81	102	4.02	
FAB-KW-C3 5.5x500					500	19.69	130	5.12	
FAB-KW-C3 8x200	1.2	0.05	8	0.22	200	7.87	50	1.97	800(180)
FAB-KW-C3 8x300					300	11.81	76	2.99	
FAB-KW-C2 8x350					350	13.78	89	3.5	
FAB-KW-C3 8x400					400	15.75	102	4.02	
FAB-KW-C3 8x500	0.25	0.01	12	0.47	500	19.69	130	5.12	1200(270)
FAB-KW-C3 12x600					600	23.62	160	6.3	
FAB-KW-C3 12x700					700	27.56	190	7.48	
FAB-KW-C3 12x800					800	31.5	220	8.66	
FAB-KW-C3 12x900	0.3	0.02	16	0.63	900	35.43	250	9.84	1600(360)

Naked Stainless Steel Cable Tie - Wing Lock L Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-L 8x200	0.25	0.01	8	0.31	200	7.87	50	1.87	800(180)
FAB-KW-L 8x300					300	11.81	76	2.99	
FAB-KW-L 8x400					400	15.75	102	4.02	
FAB-KW-L 8x500					500	19.69	130	5.12	
FAB-KW-L 12x200	0.25	0.01	12	0.47	200	7.87	50	1.97	1300(270)
FAB-KW-L 12x300					300	11.81	76	2.99	
FAB-KW-L 12x400					400	15.75	102	4.02	
FAB-KW-L 12x500					500	19.69	130	5.12	
FAB-KW-L 16x200	0.25	0.01 0.02	16	0.63	200	7.87	50	1.97	1500(337)
FAB-KW-L 16x300	0.4				300	11.81	76	2.99	
FAB-KW-L 16x400	0.5				400	15.75	102	4.02	
FAB-KW-L 16x500					500	19.69	130	5.12	
FAB-KW-L 19x1000	0.25	0.02 0.03	19	0.75	1000	39.37	280	11	1800(400)
FAB-KW-L 19x1500	0.4				1500	59.06	450	17.7	
FAB-KW-L 19x2000	0.75				2000	78.74	600	23.6	

Naked Stainless Steel Cable Tie - Y Ear Lock Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-Y 10x200	0.25	0.01	10	0.39	200	7.87	50	1.97	1300(270)
FAB-KW-Y 10x250	0.4	0.02			250	9.84	63	2.48	
FAB-KW-Y 12.7x300	0.5	0.02	12.7	0.5	300	11.81	76	2.99	
FAB-KW-Y 12.7x400					400	15.75	102	4.02	
FAB-KW-Y 12.7x500	0.76	0.03			500	19.69	130	5.12	
FAB-KW-Y 16x300	0.4	0.01	16	0.63	300	11.81	76	2.99	1500(337)
FAB-KW-Y 16x400	0.5	0.02			400	15.75	102	4.02	
FAB-KW-Y 16x500	0.76	0.03			500	19.69	130	5.15	
FAB-KW-Y 19x800	0.4	0.02	19	0.75	800	31.5	230	9.06	1600(400)
FAB-KW-Y 19x1000	0.5				1100	39.37	280	11.02	
FAB-KW-Y 19x1200	0.76	0.03			1200	47.24	350	13.8	

Naked Stainless Steel Cable Tie - SC Locking Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-SC 6.4x300	0.5	0.02	6.4	0.25	300	11.81	76	2.99	800(180)
FAB-KW-SC 6.4x400					400	15.75	76	2.99	
FAB-KW-SC 6.4x500					500	19.69	76	2.99	
FAB-KW-SC 9.5x300	0.25	0.01	12	0.47	300	11.81	76	2.99	1300(270)
FAB-KW-SC 9.5x400					400	15.75	76	2.99	
FAB-KW-SC 9.5x500					500	19.69	76	2.99	
FAB-KW-SC 12.7x300	0.5	0.02	12.7	0.63	300	11.81	76	2.99	
FAB-KW-SC 12.7x400					400	15.75	102	4.02	
FAB-KW-SC 12.7x500					500	19.69	130	5.12	
FAB-KW-L 16x300	0.5	0.02	16	0.63	300	11.81	50	1.97	1500(337)
FAB-KW-L 16x400					400	15.75	76	2.99	
FAB-KW-L 16x500					500	19.69	102	4.02	
FAB-KW-L 19x800	0.5	0.02	19	0.75	800	31.5	230	9.06	1800(400)
FAB-KW-L 19x1000					1000	39.7	280	11.02	
FAB-KW-L 19x1200					1200	47.24	350	13.8	

Naked Stainless Steel Cable Tie-Multi Lock Ladder Type



MODEL	Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	
FAB-KW-M 4.6x100	7	0.276	150	5.91	37	1.46	1120(252)
FAB-KW-M 7x225			225	8.86	60	2.36	
FAB-KW-M 7x300			300	11.81	76	2.99	
FAB-KW-M 7x335			335	13.19	85	3.35	
FAB-KW-M 7x400			400	15.75	102	4.02	
FAB-KW-M 7x500			500	19.69	130	5.12	
FAB-KW-M 12x150	12	0.47	150	5.91	37	1.46	1500(337)
FAB-KW-M 12x225			225	8.86	60	2.36	
FAB-KW-M 12x300			300	11.81	76	2.99	
FAB-KW-M 12x335			335	13.19	85	3.35	
FAB-KW-M 12x400			400	15.75	102	4.02	
FAB-KW-M 12x500			500	19.69	130	5.12	

Stainless Steel Hose Clamp



MODEL	Application Range		Thickness (mm)	Width (mm)
	min	max		
ø14-27	14	27	0.6	12
ø18-27	18	27		12
ø21-38	21	38		12
ø21-44	21	44		12
ø27-51	27	51		12/14
ø33-57	33	57		12/14
ø40-63	40	63		12/14
ø46-70	46	70		12/14
ø52-76	52	76		12/14
ø59-82	59	82		12/14
ø65-89	65	89		12/14
ø72-95	72	95		12/14
ø78-101	78	101		12/14
ø84-108	84	108		12/14
ø91-114	91	114		12/14
ø105-127	105	127		12/14
ø118-140	118	140		12/14
ø130-152	130	152		12/14
ø141-165	141	165		12/14
ø155-178	155	178		12/14
ø175-197	175	197		12/14
ø194-216	194	216		12/14
ø213-235	213	235		12/14
ø251-273	251	273		12/14
ø270-292	270	292		12/14
ø289-311	289	311		12/14

Stainless Steel Cable Tie - Quick Release Clamp



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-K 12x800	0.4	0.02	12	0.47	800	31.5	193	7.6	1200(270)
FAB-KW-K 12x1000					1000	39.37	266	10.47	
FAB-KW-K 12x1200					1200	47.24	325	12.8	
FAB-KW-K 14x800	0.4	0.02	14	0.55	800	31.5	193	7.6	1500(350)
FAB-KW-K 14x1000					1000	39.37	266	10.47	
FAB-KW-K 14x1200					1200	47.24	325	12.8	

Naked Stainless Cable Tie - O Type



MODEL	Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	
FAB-KW-O 12x200	12	0.47	200	7.87	50	1.97	1300(270)
FAB-KW-O 12x300			300	11.81	76	2.99	
FAB-KW-O 12x400			400	15.75	102	4.02	
FAB-KW-O 12x500			500	19.69	130	5.12	
FAB-KW-O 16x200	16	0.63	200	7.87	50	1.97	1500(337)
FAB-KW-O 16x300			300	11.81	76	2.99	
FAB-KW-O 16x400			400	13.75	102	4.02	
FAB-KW-O 16x500			500	19.69	130	5.12	

Naked Stainless Cable Tie - O Type



MODEL	Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	
FAB-KW-L1 8x200	8	0.39	200	7.87	50	1.97	1300(270)
FAB-KW-L1 8x300			300	11.81	76	2.99	
FAB-KW-L1 8x400			400	15.75	102	4.02	
FAB-KW-L1 8x500			500	19.69	130	5.12	
FAB-KW-L1 10x200	10	0.39	200	7.87	50	1.97	1000(225)
FAB-KW-L1 10x300			300	11.81	76	2.99	
FAB-KW-L1 12x200	12	0.47	200	7.87	50	1.97	1300(270)
FAB-KW-L1 12x300			300	11.81	76	2.99	
FAB-KW-L1 12x400			400	15.75	102	4.02	
FAB-KW-L1 12x500			500	19.69	130	5.12	
FAB-KW-L1 16x200	16	0.63	200	7.87	50	1.97	1500(337)
FAB-KW-L1 16x300			300	11.81	76	2.99	
FAB-KW-L1 16x400			400	15.75	102	4.02	
FAB-KW-L1 16x500			500	19.69	130	5.12	

Epoxy Coated Steel Cable Tie - T Type



MODEL	Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	
FAB-KW-T 11x150	11	0.43	150	5.91	40	1.57	1200(270)
FAB-KW-T 11x175			175	6.87	45	1.77	
FAB-KW-T 11x200			200	7.84	50	1.97	
FAB-KW-T 11x240			240	9.45	60	2.23	

Naked Stainless Cable Tie - Heavy duty ball self-locking with leg Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-C4 4.6x200	0.25	0.01	4.6	0.18	200	7.87	50	1.97	600(135)
FAB-KW-C4 4.6x300					300	11.81	76	2.99	
FAB-KW-C4 4.6x400					400	15.75	102	4.02	
FAB-KW-C4 4.6x500					500	19.69	130	5.12	
FAB-KW-C4 8x200	0.25	0.01	4.6	0.18	200	7.87	50	1.97	800(180)
FAB-KW-C4 8x300					300	11.81	76	2.99	
FAB-KW-C4 8x400					350	15.75	102	4.02	
FAB-KW-C4 8x500					400	19.69	130	5.12	

Naked Stainless Cable Tie - Heavy duty ball self-locking with leg Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-W 10x800	0.4	0.016	10	0.39	800	31.5	193	7.6	1200(270)
FAB-KW-W 10x1000					1000	39.37	266	10.47	
FAB-KW-W 10x1200					1200	47.24	325	12.8	
FAB-KW-W 15x800	0.4	0.016	15	0.59	800	31.5	193	7.6	1500(350)
FAB-KW-W 15x1000					1000	39.37	266	10.47	
FAB-KW-W 15x1200					1200	47.24	325	12.8	
FAB-KW-W 19x800	0.4	0.016	19	0.75	800	31.5	193	7.6	2000(450)
FAB-KW-W 19x1000					1000	39.37	266	10.47	
FAB-KW-W 19x1200					1200	47.24	325	12.8	

Stainless Cable Tie - Releasable Type



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-R 6.4x152	0.5	0.02	6.4	0.25	152	6	38	1.5	600(135)
FAB-KW-R 6.4x229					229	9	63	2.5	
FAB-KW-R 6.4x305					305	12	86	3.4	
FAB-KW-R 6.4x457					457	18	137	5.4	
FAB-KW-R 6.4x610					610	24	185	7.3	
FAB-KW-R 9.6x152	0.5	0.02	9.6	0.38	152	6	38	1.5	1000(250)
FAB-KW-R 9.6x229					229	9	63	2.5	
FAB-KW-R 9.6x305					305	12	86	3.4	
FAB-KW-R 9.6x457					457	18	137	5.4	
FAB-KW-R 9.6x610					610	24	185	7.3	

Metal Marker Tie



MODEL	Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	
FAB-KW-H 10x80	10	0.39	80	3.14	40	1.57	500(112)
FAB-KW-H 10x100			100	3.94	45	1.77	
FAB-KW-H 10x120			120	4.72	50	1.97	
FAB-KW-H 10x150			150	5.90	60	2.36	

FAB-KW-LQA

Weight: 1.2kg

Suit for width: 6.4~20mm steel band

Use with:

- Stainless Steel Cable Tie-Ball Self-Locking Type;
- Stainless Steel Cable Tie-Y Ear-lock Type;
- Stainless Steel Cable Tie-Wing Lock L Type;
- Stainless Steel Cable Tie-SC Lock Type.



FAB-KWLQA

Weight: 1.2kg

Suit for width: 6.4~20mm steel band

Use with:

- Stainless Steel Cable Tie-Ball Self-Locking Type;
- Stainless Steel Cable Tie-Y Ear-lock Type;
- Stainless Steel Cable Tie-Wing Lock L Type;
- Stainless Steel Cable Tie-SC Lock Type.



FAB-KW-CT02

Weight: 0.75kg

Suit for width: 4.6 / 7.9 / 10 / 12mm

Use with:

- Stainless Steel Cable Tie-Ball Self-Locking Type;
- Stainless Steel Cable Tie-Multi-Lock Ladder Type.



FAB-KW-CT02

Weight: 1.9kg

Suit for width: 6.4~20mm stainless steel band

Use with:

- Stainless Steel Cable Tie-Y Ear-lock Type;
- Stainless Steel Cable Tie-Wing Lock L Type;
- Stainless Steel Cable Tie-SC Lock Type.



FAB-KW-LQA

Weight: 2.9kg

Suit for width: 6.4~35mm stainless steel band

Use with:

- Stainless Steel Cable Tie-Y Ear-lock Type;
- Stainless Steel Cable Tie-Wing Lock L Type;
- Stainless Steel Cable Tie-SC Lock Type.



FAB-KW-LQA

Weight: 0.56kg

Suit for width: 4.6 / 7.9mm

Use with:

- Stainless Steel Cable Tie-Ball Self-Locking Type;
- Stainless Steel Cable Tie-Multi-Lock Ladder Type.



MODEL	Thickness		Width		Length	
	mm	inch	mm	inch	mm	inch
FAB-KW-9.5x0.25	0.25	0.01	9.5	0.37	89	2.5
FAB-KW-9.5x0.4	0.4	0.02				
FAB-KW-9.5x0.5	0.5	0.02				
FAB-KW-19x0.25	0.25	0.01	19	0.75		
FAB-KW-19x0.25	0.4	0.02				
FAB-KW-19x0.25	0.5	0.02				

Band Strap Installation



1. Cut a length of stainless cable tie according to the actual use, put the buckle to one end of the cable tie and reserve a length of about 5cm.

2. Bend the reserved cable tie to fix the stainless steel buckle.

3. Put the another end of the stainless steel cable tie as picture shows, and set aside 10cm for the tool to use when tightening.



4. Tie the straps with the strap presser and start to shake them slowly, until you make sure they are tight.

5. When the cable tie is tightened, fold the whole of the tight belt back, and then pull the handle of the tight bell blade to cut off the cable tie.

6. Hammer the two corners of the buckle with a hammer to catch the last reserved tie head.

American Type



MODEL	Thickness (mm)	Width (mm)	Application Range	
			min	max
FAB-KW-MS 13-23	0.6	12	13	23
FAB-KW-MS 14-27			14	27
FAB-KW-MS 18-32			18	32
FAB-KW-MS 21-44			21	44
FAB-KW-MS 27-51			27	51
FAB-KW-MS 33-57			33	57
FAB-KW-MS 40-63			40	63
FAB-KW-MS 46-70			46	70
FAB-KW-MS 52-76			52	76
FAB-KW-MS 59-82			59	82
FAB-KW-MS 65-89			65	89
FAB-KW-MS 72-95			72	95
FAB-KW-MS 78-101			78	101
FAB-KW-MS 84-108			84	108
FAB-KW-MS 91-114			91	114
FAB-KW-MS 105-127			105	127
FAB-KW-MS 118-140			118	140
FAB-KW-MS 130-152			130	152
FAB-KW-MS 141-165			141	165
FAB-KW-MS 155-178			155	178
FAB-KW-MS 175-197			175	197
FAB-KW-MS 194-216			194	216
FAB-KW-MS 213-235			213	235
FAB-KW-MS 234-254			234	254
FAB-KW-MS 251-273			251	273
FAB-KW-MS 270-292			270	292
FAB-KW-MS 289-311			289	311

Quick Release Clamp



MODEL	Thickness		Width		Length		Max. bundle DIA		Min. L. T. S. N/lbs
	mm	inch	mm	inch	mm	inch	mm	inch	
FAB-KW-K 12x800	0.4	0.02	12	0.47	800	31.5	193	7.6	1200(270)
FAB-KW-K 12x1000					1000	39.37	266	10.47	
FAB-KW-K 12x1200					1200	47.24	325	12.8	
FAB-KW-K 14x800	0.4	0.02	14	0.55	800	31.5	193	7.6	1500(350)
FAB-KW-K 14x1000					1000	39.37	266	10.47	
FAB-KW-K 14x1200					1200	47.24	325	12.8	

European Type

MODEL	Thickness (mm)	Width (mm)	Screw Length
FAB-KW-OS 17-19	0.6	18	M5*40mm
FAB-KW-OS 20-22			
FAB-KW-OS 23-25			
FAB-KW-OS 26-28	0.6	24	M8*70mm
FAB-KW-OS 29-31			
FAB-KW-OS 32-35			
FAB-KW-OS 36-39	0.8	22	M6*60mm
FAB-KW-OS 40-43			
FAB-KW-OS 44-47			
FAB-KW-OS 48-51			
FAB-KW-OS 52-55			
FAB-KW-OS 56-59			
FAB-KW-OS 60-63	0.8	24	M8*70mm
FAB-KW-OS 64-67			
FAB-KW-OS 68-73			
FAB-KW-OS 74-79			
FAB-KW-OS 80-85			
FAB-KW-OS 86-91			
FAB-KW-OS 92-97			
FAB-KW-OS 98-103			
FAB-KW-OS 104-112			
FAB-KW-OS 113-121			



FAB-KW-OS 122-130	1	26	M10*105mm
FAB-KW-OS 131-139			
FAB-KW-OS 140-148			
FAB-KW-OS 104-112			
FAB-KW-OS 113-121			
FAB-KW-OS 122-130			
FAB-KW-OS 131-139			
FAB-KW-OS 140-148			
FAB-KW-OS 149-161			
FAB-KW-OS 162-174			
FAB-KW-OS 175-187			
FAB-KW-OS 188-200			
FAB-KW-OS 201-213			
FAB-KW-OS 214-226			
FAB-KW-OS 227-239			
FAB-KW-OS 240-252			

American Type with Handle



MODEL	Thickness (mm)	Width (mm)	Application Range	
			min	max
FAB-KW-MS1 13-23	0.6	12	13	23
FAB-KW-MS1 14-27			14	27
FAB-KW-MS1 18-32			18	32
FAB-KW-MS1 21-44			21	44
FAB-KW-MS1 27-51			27	51
FAB-KW-MS1 33-57			33	57
FAB-KW-MS1 40-63			40	63
FAB-KW-MS1 46-70			46	70
FAB-KW-MS1 52-76			52	76
FAB-KW-MS1 59-82			59	82
FAB-KW-MS1 65-89			65	89
FAB-KW-MS1 72-95			72	95
FAB-KW-MS1 78-101			78	101
FAB-KW-MS1 84-108			84	108
FAB-KW-MS1 91-114			91	114
FAB-KW-MS1 105-127			105	127
FAB-KW-MS1 118-140			118	140
FAB-KW-MS1 130-152			130	152
FAB-KW-MS1 141-165			141	165
FAB-KW-MS1 155-178			155	178
FAB-KW-MS1 175-197			175	197
FAB-KW-MS1 194-216			194	216
FAB-KW-MS1 213-235			213	235
FAB-KW-MS1 232-254			232	254
FAB-KW-MS1 251-273			251	273
FAB-KW-MS1 270-292			270	292
FAB-KW-MS1 289-311			289	311

American Type with Plastic Handle



MODEL	Thickness (mm)	Width (mm)	Application Range	
			min	max
FAB-KW-MS2 13-23	0.6	12	13	23
FAB-KW-MS2 14-27			14	27
FAB-KW-MS2 18-32			18	32
FAB-KW-MS2 21-44			21	44
FAB-KW-MS2 27-51			27	51
FAB-KW-MS2 33-57			33	57
FAB-KW-MS2 40-63			40	63
FAB-KW-MS2 46-70			46	70
FAB-KW-MS2 52-76			52	76
FAB-KW-MS2 59-82			59	82
FAB-KW-MS2 65-89			65	89
FAB-KW-MS2 72-95			72	95
FAB-KW-MS2 78-101			78	101
FAB-KW-MS2 84-108			84	108
FAB-KW-MS2 91-114			91	114
FAB-KW-MS2 105-127			105	127
FAB-KW-MS2 118-140			118	140
FAB-KW-MS2 130-152			130	152
FAB-KW-MS2 141-165			141	165
FAB-KW-MS2 155-178			155	178
FAB-KW-MS2 175-197			175	197
FAB-KW-MS2 194-216			194	216
FAB-KW-MS2 213-235			213	235
FAB-KW-MS2 232-254			232	254
FAB-KW-MS2 251-273			251	273
FAB-KW-MS2 270-292			270	292
FAB-KW-MS2 289-311			289	311

German Type with Handle

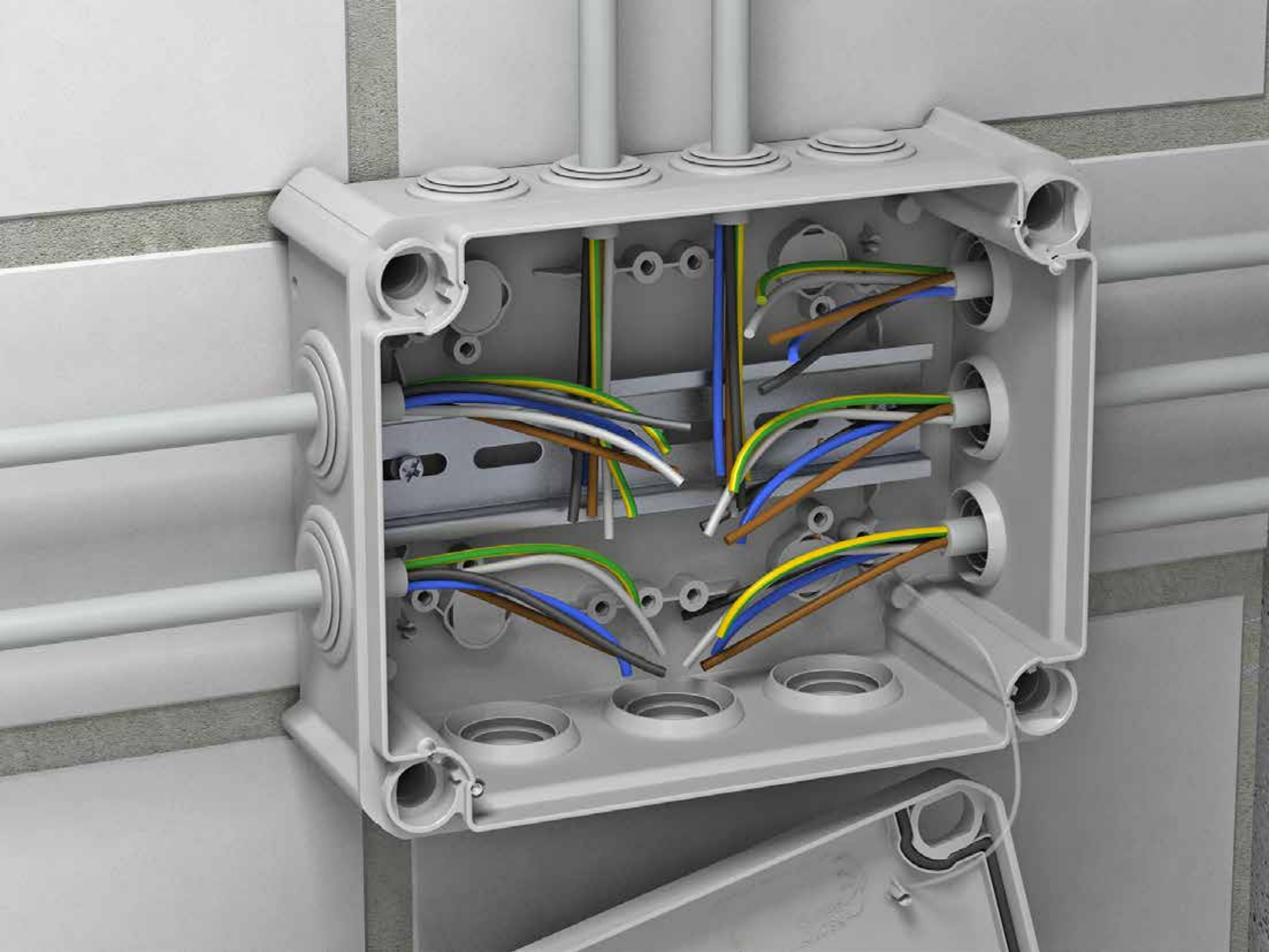


MODEL	Thickness (mm)	Width (mm)	Application Range	
			min	max
FAB-KW-DS1 13-23	0.6	12	13	23
FAB-KW-DS1 14-27			14	27
FAB-KW-DS1 18-32			18	32
FAB-KW-DS1 21-44			21	44
FAB-KW-DS1 27-51			27	51
FAB-KW-DS1 33-57			33	57
FAB-KW-DS1 40-63			40	63
FAB-KW-DS1 46-70			46	70
FAB-KW-DS1 52-76			52	76
FAB-KW-DS1 59-82			59	82
FAB-KW-DS1 65-89			65	89
FAB-KW-DS1 72-95			72	95
FAB-KW-DS1 78-101			78	101
FAB-KW-DS1 84-108			84	108
FAB-KW-DS1 91-114			91	114
FAB-KW-DS1 105-127			105	127
FAB-KW-DS1 118-140			118	140
FAB-KW-DS1 130-152			130	152
FAB-KW-DS1 141-165			141	165
FAB-KW-DS1 155-178			155	178
FAB-KW-DS1 175-197			175	197
FAB-KW-DS1 194-216			194	216
FAB-KW-DS1 213-235			213	235
FAB-KW-DS1 232-254			232	254
FAB-KW-DS1 251-273			251	273
FAB-KW-DS1 270-292			270	292
FAB-KW-DS1 289-311			289	311

T Bolt



MODEL	Thickness (mm)	Width (mm)	Screw Length
FAB-KW-TX 17-19	0.6	18	M5*40mm
FAB-KW-TX 20-22			
FAB-KW-TX 23-25			
FAB-KW-TX 26-28			
FAB-KW-TX 29-31	0.6	20	M6*40mm
FAB-KW-TX 32-35			
FAB-KW-TX 36-39			
FAB-KW-TX 40-43			
FAB-KW-TX 44-47	0.8	22	M6*60mm
FAB-KW-TX 48-51			
FAB-KW-TX 52-55			
FAB-KW-TX 56-59			
FAB-KW-TX 60-63	0.6	20	M6*40mm
FAB-KW-TX 64-67			
FAB-KW-TX 68-73			
FAB-KW-TX 74-79			
FAB-KW-TX 80-85	0.6	20	M6*40mm
FAB-KW-TX 86-91			
FAB-KW-TX 92-97			
FAB-KW-TX 98-103			
FAB-KW-TX 104-112	0.6	20	M6*40mm
FAB-KW-TX 113-121			
FAB-KW-TX 122-130			
FAB-KW-TX 131-139			
FAB-KW-TX 140-148	1	26	M10*105mm
FAB-KW-TX 149-161			
FAB-KW-TX 162-174			
FAB-KW-TX 175-187			
FAB-KW-TX 188-200			
FAB-KW-TX 201-213			
FAB-KW-TX 214-226			
FAB-KW-TX 227-239			
FAB-KW-TX 240-252			
FAB-KW-TX 253-265			

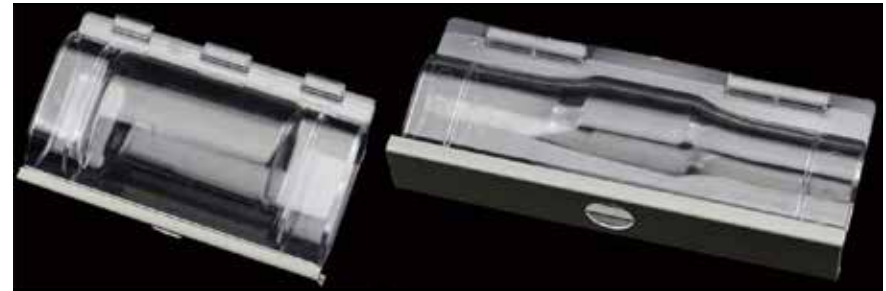


KW-BOX



ITEM N°.	Cable Insulation O.D. Range (mm)	Max Conductors Section (mm²)			Specification (mm)	Resin Weight (g)
		Unarmored Cable	Armored Cable	Branch Line		
FAB-KW-BOX-0	ø08-15	16-25	16-35	2.5-10	150x38x32	30
FAB-KW-BOX-1	ø08-16	1.5-25	1.5-50	1.5-10	123x118x124	116
FAB-KW-BOX-2	ø08-19	16-50	4-95	4-95	78x70x78	330

KW-AB Branch



ITEM N°.	Cable Insulation O.D. Range (mm)		Max Conductors Section (mm²)		Material	Specification (mm)	Resin Weight (g)
	Main	Branch	Main Line	Branch Line			
FAB-KW-AB111	15	15	4x1.5-6	4x1.5-4	PC	175x75x40	160
FAB-KW-AB112	29	22	4x16-25(35)	4x6-16	PC	175x110x76	600
FAB-KW-AB113	29	22	4x16-25(35)	4x6-16	PC	300x110x76	1000
FAB-KW-AB114	35	25	4x35-70(95)	4x6-16	PC	400x125x100	2500
FAB-KW-AB115	55	38	4x95-150	4x6-70	PC	510x160x120	5000

KW-A Straight



ITEM N°.	Cable Insulation O.D. Range (mm)	Max Conductors Section (mm²)		Material	Specification (mm)	Resin Weight (g)
		Unarmored Cable	Armored Cable			
FAB-KW-A0	8-17	-	-	PC	-	80
FAB-KW-A1	8-26	3x16, 4x16	3x10, 4x10	PC	185x40x45	160
FAB-KW-A2	14-32	3x35, 4x25	3x16, 4x16	PC	270x55x55	350
FAB-KW-A3	23-39	3x50, 4x50	3x50, 4x35	PC	355x65x60	670
FAB-KW-A4	28-50	3x95, 4x95	3x95, 4x70	PC	400x90x75	1250
FAB-KW-A5	45-70	3x240, 4x240	3x240, 4x240	PC	510x160x120	5000

Application



KWAB-T Branch



ITEM N°.	Cable Insulation O.D. Range (mm)		Max Conductors Section (mm²)		Material	Specification (mm)	Resin Weight (g)
	Main	Branch	Main Line	Branch Line			
FAB-KWAB-T1	38	30	4x6-50	4x1.5-25	PP	165x130x40	700
FAB-KWAB-T2	38	30	4x6-50	4x1.5-25	PP	235x130x95	1300
FAB-KWAB-T3	55	36	4x95-240	4x6-150	PP	295x140x180	2000

Application



1

2

3



4

5

6

KW-XY Branch



ITEM N°.	Cable Insulation O.D. Range (mm)		Max Conductors Section (mm²)		Material	Specification (mm)	Resin Weight (g)
	Main	Branch	Main Line	Branch Line			
FAB-KW-XY-1	ø8-16	ø8-16	≤4x4	≤4x4	PC	187x53x39	175
FAB-KW-XY-2	ø13-22	ø8-20	≤4x16	≤4x6	PC	143x76x63	210

Application



1. Connect the cables with sleeve or any other connectors.

2. Install main body. Trim mold ends with knife to fit cable slightly loose.

3. Put pouring spout in hole.



4. Mix resin A and resin B.

5. Pull resin.

6. Finished.

KW-Y



ITEM N°.	Cable Insulation O.D. Range (mm)		Max. Conductors Section (mm²)		Material	Specification (mm)	Resin Weight (g)
	Main	Branch	Main Line	Branch Line			
FAB-KW-Y1	ø10-28	ø5-18	≤4x25	≤4x10	PC	176x120x105	500
FAB-KW-Y2	ø20-40	ø8-30	≤1x240	≤1x95	PC	250x142x111	1000
FAB-KW-Y3	ø20-40	ø8-30	≤1x240	≤1x95	PC	350x142x111	2000
FAB-KW-Y4	ø20-40	ø8-30	≤1x240	≤1x95	PC	485x220x180	6000

KW-RA/RT Series

Features

- Body Material: ABS
- Stopper Material: PVC
- Protection Level: IP65
- Certificate: CE, RoHs
- Application: Suitable for indoor and outdoor electric communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

Installation

1. Inside: There are the installation holes in the base for circuit board or din rail.
2. Outside: The products can be directly fixed on the wall or other flat boards with screw or nails via screw holes in the base.
3. Outlet Hole: Cutting a hole in the PVC stopper as related cable size or installing cable gland to get better waterproof performance.



MODEL	Size (mm)	IP	Hole Qty.	Hole Size (mm)	G.W. (kg)	PCS (CTNS)	CTN Specification (CM)
FAB-KW-RA/RT	50*50	55	4	25	13.5	300	46*38*51
	80*50	55	4	25	14.7	240	53*35*62
	85*85*50	55	7	25	17.2	200	53*41*53
	100*100*70	65	7	25	14.9	100	62*49*35
	150*110*70	65	10	25	15.1	60	67*33*46.5
	150*150*70	65	8	25	16.3	60	84.5*34*45
	200*100*70	65	8	25	16.6	60	61*46*42
	200*155*80	65	10	36	14.5	40	69.5*43.5*41
	200*200*80	65	12	36	18	40	90*46*40.5
	255*200*80	65	12	36	21.9	40	55*45*80
	255*200*120	65	12	36	21.9	30	64*55*62
	300*250*120	65	12	36	20.3	20	61.5*55.5*62
	300*250*120	65	12	36	20.3	20	74.5*42.5*62.5

KW-F Series

Features

- Body Material: ABS or PC
- Protection Level: IP65
- Certificate: CE, RoHs
- Application: Suitable for indoor and outdoor electric communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

Installation

1. Inside: There are the installation holes in the base for circuit board or din rail.
2. Outside: The products can be directly fixed on the wall or other flat boards with screw or nails via screw holes in the base.



MODEL	Size (mm)	MODEL	Size (mm)	MODEL	Size (mm)
FAB-KW-F1	200*120*75	FAB-KW-F6-2	263*182*125	FAB-KW-F15-2 with ear	230*150*87
FAB-KW-F1-1	200*120*113	FAB-KW-F7	158*90*46	FAB-KW-F16	160*45*55
FAB-KW-F1-2 with ear	200*120*75	FAB-KW-F7-1	158*90*60	FAB-KW-F19 with ear	80*58*33
FAB-KW-F1-3	200*120*56	FAB-KW-F8 with ear	115*85*35	FAB-KW-F19-1	83*58*33
FAB-KW-F1-6 with ear	200*120*67	FAB-KW-F9	280*195*135	FAB-KW-F20	63*58*35
FAB-KW-F2	158*90*60	FAB-KW-F9-3	280*195*86	FAB-KW-F20-2 with ear	63*58*35
FAB-KW-F2 with ear	158*90*64	FAB-KW-F10-3	320*240*60	FAB-KW-F21	240*160*90
FAB-KW-F2-3	158*90*40	FAB-KW-F10	320*240*110	FAB-KW-F21-1	240*160*120
FAB-KW-F3	115*90*80	FAB-KW-F10-1	320*240*140	FAB-KW-F22	160*110*90
FAB-KW-F3-2 with ear	115*90*55	FAB-KW-F10-2	320*240*155	FAB-KW-F24	192*188*100
FAB-KW-F3-3 with ear	115*90*68	FAB-KW-F11-3	380*260*70	FAB-KW-F24-2 with ear	192*188*100
FAB-KW-F4	100*68*50	FAB-KW-F11	380*260*105	FAB-KW-F25	83*81*53
FAB-KW-F4-1 with small ear	100*68*40	FAB-KW-F11-4	380*260*85	FAB-KW-F34	290*210*60
FAB-KW-F4-2 with ear	100*68*50	FAB-KW-F11-1	380*260*120	FAB-KW-F36	290*210*100
FAB-KW-F5-1	160*160*70	FAB-KW-F11-2	380*260*140	FAB-KW-F50	300*280*140
FAB-KW-F5	160*160*90	FAB-KW-F13 with ear	120*81*65	FAB-KW-F51	390*290*165
FAB-KW-F5-2 with ear	160*160*90	FAB-KW-F14	120*120*90	FAB-KW-F51B	390*290*165
FAB-KW-F6	236*182*95	FAB-KW-F15	120*120*90	FAB-KW-K2	250*170*120
FAB-KW-F6-1	263*182*60	FAB-KW-F15-1	230*150*87	FAB-KW-K6	125*100*52

KT Series

Features

- Body Material: ABS or PC
- Protection Level: IP67
- Certificate: CE, RoHs
- Application: Suitable for indoor and outdoor electric communication, fire fighting apparatus, iron and steel smelting, petrochemical industry, electron, power system, railway, building, mine, air and sea port, hotel, ship, works, waste water treatment equipment, environmental equipment and so on.

Installation:

1. Inside: There are the installation holes in the base for circuit board or din rail (more than 2 pcs of M4 brass nuts have been in each other).
2. Outside: The products can be directly fixed on the wall or other flat boards with screw or nails via screw holes in the base.
3. Outlet Hole: Holes can be opened on the box as customer's requirements, and installing cable gland can bring with better waterproof performance.



MODEL		Size (mm)
Solid Cover	Transparent Cover	
FAB-KW-AG-0506	FAB-KW-AT-0506	200*120*75
FAB-KW-AG-0609	FAB-KW-AT-0609	95*65*55
FAB-KW-AG-0811-S	FAB-KW-AT-0811-S	110*80*45
FAB-KW-AG-0811	FAB-KW-AT-0811	110*80*70
FAB-KW-AG-0811-1	FAB-KW-AT-0811-1	110*80*85
FAB-KW-AG-1010	FAB-KW-AT-1010	100*100*75
FAB-KW-AG-0813	FAB-KW-AT-0813	130*80*70
FAB-KW-AG-0813-1	FAB-KW-AT-0813-1	130*80*85
FAB-KW-AG-0816-S	FAB-KW-AT-0816-S	160*80*55
FAB-KW-AG-0818	FAB-KW-AT-0818	180*80*70
FAB-KW-AG-0818-1	FAB-KW-AT-0818-1	180*80*85
FAB-KW-AG-0825	FAB-KW-AT-0825	250*80*70
FAB-KW-AG-0825-1	FAB-KW-AT-0825-1	250*80*85
FAB-KW-AG-1212-S	FAB-KW-AT-1212-S	125*125*75

FAB-KW-AG-1212	FAB-KW-AT-1212	120*120*100
FAB-KW-AG-1217-S	FAB-KW-AT-1217-S	175*125*75
FAB-KW-AG-1217	FAB-KW-AT-1217	170*120*100
FAB-KW-AG-1217-1	FAB-KW-AT-1217-1	175*125*100
FAB-KW-AG-1417	FAB-KW-AT-1417	170*140*95
FAB-KW-AG-1515-1	FAB-KW-AT-1515-1	150*150*120
FAB-KW-AG-1717-1	FAB-KW-AT-1717-1	175*175*100
FAB-KW-AG-1520-S	FAB-KW-AT-1520-S	200*150*75
FAB-KW-AG-1520	FAB-KW-AT-1520	200*150*100
FAB-KW-AG-1520-1	FAB-KW-AT-1520-1	200*150*130
FAB-KW-AG-1525	FAB-KW-AT-1525	250*150*100
FAB-KW-AG-1525-1	FAB-KW-AT-1525-1	250*150*130
FAB-KW-AG-2020-S	FAB-KW-AT-2020-S	200*200*95
FAB-KW-AG-2020	FAB-KW-AT-2020	200*200*130
FAB-KW-AG-2819	FAB-KW-AT-2819	280*190*130



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