



FIBRAMÉRICA

**PASSIVE
COMPONENTS**



FIBRAMÉRICA

MINQING FIBRAMERICA TECHNOLOGY

Complete solutions for the intelligent development of fiber optic networks

Minqing Fibramérica 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.





Passive Components

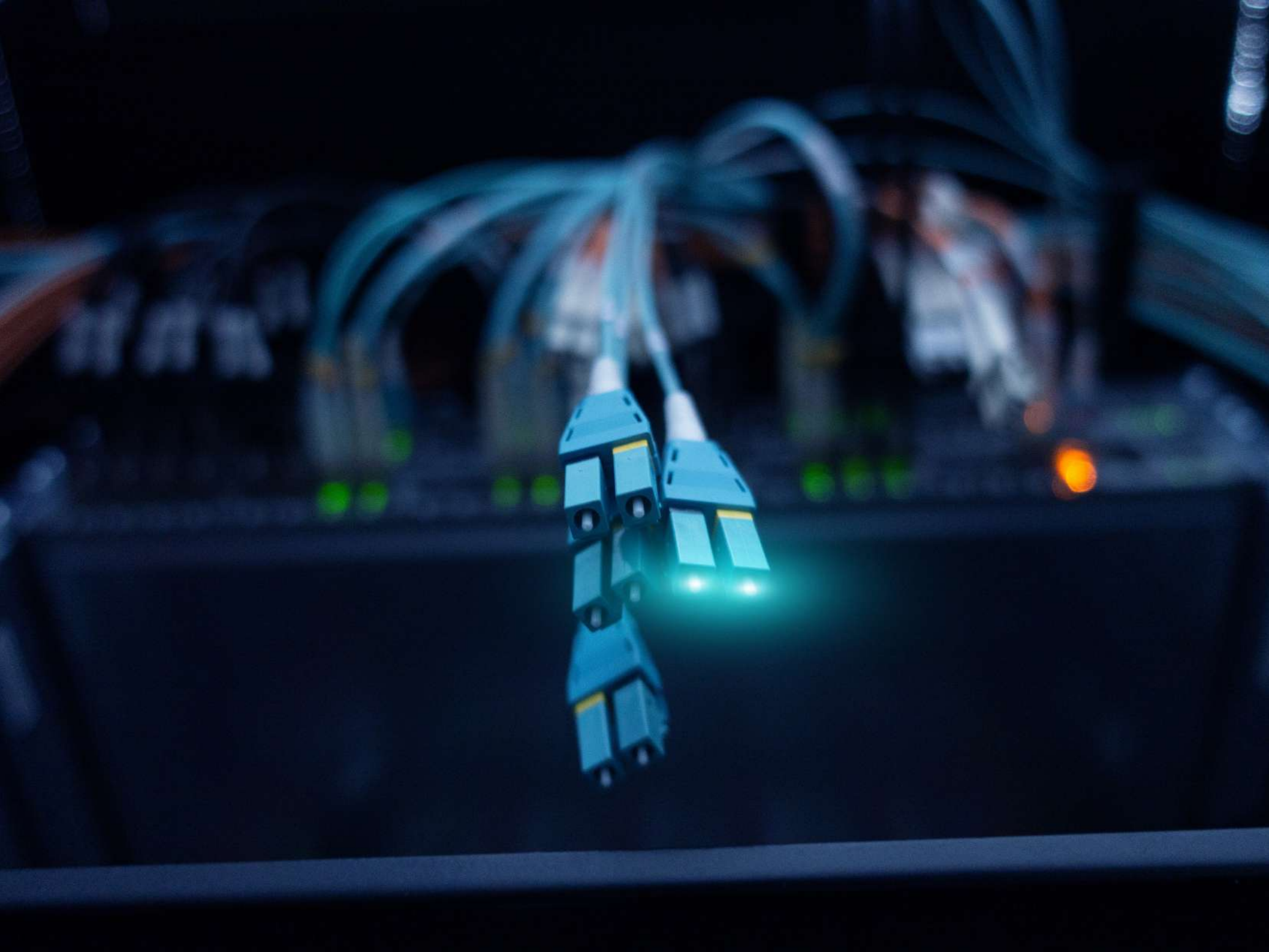
Fibramerica has a wide range of passive solutions for the installation of optical networks that allow integration with active components. All products are manufactured under strict quality controls and in compliance with international standards.

In a passive optical network (PON), passive components are those elements that do not require power between the Optical Line Termination (OLT) and the Optical Network Termination Link (ONT) or Optical Network Unit (ONU).

For this reason, a PON network is more appealing, as the design and installation costs of a passive optical network are more competitive compared to those of a traditional metallic network.

The universe of passive components includes different elements, for example, adapters, attenuators, mechanical connectors, patchcords, pigtails, among others. One of the most important elements is the optical splitter, in charge of splitting the optical signal and guaranteeing the continuity of the signal in its different branches.

Fibramerica has a catalog in continuous development, adjusting its products to the new generation of optical network.



Optical Adapters



FC/PC Adapter
simplex with flange



FC/PC Adapter
simplex without flange



FC/PC Adapter
simplex with flange



FC/PC adapter
simplex without flange



FC/PC adapter
simplex with flange



SC/UPC SM adapter
simplex with flange



SC/APC SM adapter
simplex with flange



LC/UPC SM adapter
simplex without flange



LC/UPC SM adapter
simplex with flange



LC/APC Adapter
simplex with flange



SC/PC MM adapter
simplex with flange



SC/APC SM adapter
duplex with flange



SC/PC MM adapter
duplex with flange



LC/PC MM adapter
simplex without flange



LC/PC MM adapter
duplex without flange



LC/PC adapter OM3
duplex with flange



LC/PC adapter OM4
duplex with flange



LC/PC adapter OM5
duplex with flange



SC/UPC SM adapter
duplex with flange



ST adapter



1310nm SM loopback
LC loopback adapter



LC loopback MM 850nm
LC loopback adapter

Description

The fiber adapter is an important component in the construction of an optical network, mainly used to interconnect two fiber connectors.

The connectors can be of polished PC, UPC and APC types. The optical adapter comes in versions to connect single fibers (simplex), two fibers together (duplex) or sometimes four fibers together (quad).

Most adapters are female at both ends and allow two cables to be connected. Some adapters, called "hybrids", accept different types of connectors (ST to SC, LC to SC, etc.).

When trying to connect two cables that have different shapes, it is necessary to use a hybrid connector.

General characteristics

- Easy to use.
- Can be recessed into any box, splice tray, etc.
- Available in both simplex and duplex.
- Suitable for interconnecting two adapters of the same type.
- Suitable for all types of polishing.
- The internal zirconium tube guarantees low insertion loss.



FC Fixed attenuator



LC/UPC Fixed attenuator



SC/UPC Fixed attenuator



SC/UPC Metal fixed attenuator



FC/UPC fixed attenuator



ST/UPC fixed attenuator



SC/UPC male-female Hybrid attenuator



SC/UPC male-female Hybrid attenuator



LC/SC Hybrid attenuator

Description

Fibramerica offers several mechanical attenuators in different versions. The optical attenuator allows attenuating the signal to a known value. The shape of the mechanical attenuator is the same as the fiber adapter. It can be applied in traditional optical network, optical test project, FTTx construction, among others, when the optical power is above the limit of the equipment.

The attenuator allows interconnection of two patch cords. Fixed and variable value attenuator are available. The user can select the most suitable one depending on the construction environment.

It can be used in CATV, LAN, WAN and telecom applications.

General features

- Easy to use.
- Bulkhead design.
- Can be recessed into any termination box, junction box, etc.
- Compact plug and play design.
- Suitable for passive situations.
- Stable attenuation value.
- Guaranteed return loss of -55db.
- Protect equipment from overload.



Description

Patchcords (jumpers) are optical assemblies used mainly in data centers for active equipment connections (OLT) to fiber optic distributors (DIO).

They are made up of a fibre optic cable, coated with a protective inner layer and a flame-retardant PVC outer layer, and a Kevlar inner strip which serves as a pulling element and may or may not be terminated with the same type of optical connector at both ends. Manufactured with cables of various diameters, they can be simplex or duplex, with single-mode or multimode fibres.

Fibramerica patch cords and pigtails offer low insertion loss, low reflectance and are individually inspected at the plant to ensure compliance with technical parameters.

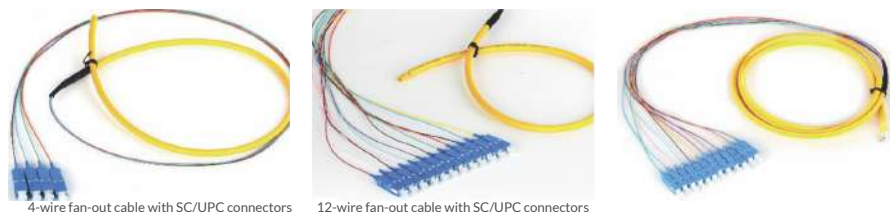
General characteristics

- Low insertion loss.
- Low reflectance.
- Individually inspected.
- High quality zirconia ferrules.
- Good repeatability and interchangeability.

Configuration: FAB-PATFO-AB-X-FF-ZZ-W-YYY

Connector A	Connector B	X N° of Yarns	FF Fiber type	ZZ Cover	W Cable diameter	YYY Length
SC/UPC=SC SC/APC=AS	SC/UPC=SC SC/APC=AS	Simplex=S	G652D=2D G657A1=A1 G657A2=A2 G657B3=B3	PVC=PV	1.6mm=1.6 2mm=2 3mm=3	01=1m 010=10m 020=20m
LC/UPC=LC LC/APC=AL	LC/UPC=LC LC/APC=AL					
ST/UPC=ST ST/APC=AT	ST/UPC=ST ST/APC=AT	Duplex=D	OM1=O1 OM2=O2 OM3=O3 OM4=O4	LSZH=LS		
FC/UPC=FC FC/APC=AF	FC/UPC=FC FC/APC=AF					

Fan-out Cables



4-wire fan-out cable with SC/UPC connectors

12-wire fan-out cable with SC/UPC connectors

Description

The indoor fan-out cable is a pre-assembled cable with connectors at one or both ends, with a PVC or LSZH sheath that accommodates up to 24 optical fibers of different types, either multimode (OM1, OM2, OM3, OM4 and OM5) or single-mode (OS1, OS2). This type of product saves installation time, reducing the number of specialized personnel for the preparation and installation of patch cables.

They are low-cost cables designed primarily for indoor interconnection between transmission equipment and patch panels or similar fixed routes in data centers, enterprise networks, telecom rooms, servers, storage networks, etc.

All cables are 100% factory terminated and tested to ensure the quality of all units and compliance with standards.

General features

- Compact design.
- Low insertion loss and high return loss.
- ITU-T G.657A or G.652D, etc. - compliant.
- High wavelength range reliability.
- Wide operating temperature range.
- Diameter feasible according to requirement.
- Customized configuration.

Specification	
Types of connectors	SC/FC/ST/LC/MU/Nil(non-connector)/E2000 MTRJ(W/O)/MTRJ(W)/DIN
Polishing type	UPC/APC
Fiber type	Single-mode Multimode
Number of fibers	4, 6, 8, 12, 24
Type of covers	LSZH
Insertion loss IL of the fiber (dB)	<0.2
Connector Insertion loss IL (dB)	<0.4
Return loss (dB)	UPC: ≥55; APC: ≥60
Repeatability (500 times) (dB)	≤0.2
Diameter of cover (mm)	0.9/2/3
Cover color	Yellow / Orange / Aqua / Black or customizable
Connector length (mm)	50
Fiber length (m)	Customizable

Bare Fiber Spool



Description

The 2km bare fiber reel is composed of 250μm bare fiber with tight buffering. The use of G.657A fiber guarantees the performance. It is usually applied optical testing project, laboratories and etc.

Part number

FAB-BARFIR-250-A1-2KM



Description

The 25km bare fiber reel is composed of 250μm bare fiber with tight buffering. The use of G.657A fiber guarantees the performance. It is usually applied optical testing project, laboratories and etc.

Part number

FAB-BARFIR-250-A1-25KM

Description

Fibramerica supplies bare fiber spools for testing projects, G.652 and G.657A bare fiber is available. They offer the best macro bending performance in the industry while maintaining compatibility with current optical fibers, equipment, practices and procedures.

This full-spectrum single-mode fiber optic coil experiences virtually no signal loss when subjected to smaller radius bends. It is your best helper in testing projects.

General features

- Full-spectrum single-mode fiber.
- Small macroflex radius with G.657A and G.652D standard.
- Small attenuation value.
- Suitable for any environment.

Specification	
Fiber type	Monomodo
Total length	2km/25km
Diameter of coated fiber	250μm
Bare fiber diameter	125μm
Minimum radius of macro curvature	30mm(G.652D) / 15mm(G.657A)
Typical attenuation values	
1310nm working wavelength	0.33~0.35dB/km
1490nm working wavelength	0.21~0.24dB/km
1550nm working wavelength	0.19~0.20dB/km
1625nm working wavelength	0.21~0.23dB/km

Mechanical Connectors



Mechanical connector SC
Mod. FAB-SC-01

- Application: Drop 3x2mm, 2x1.6mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-SC-02

- Application: Drop 3x2mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-ESC250D

- Application: 3x2mm and 1.6x2.0mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-FMC-LC30X20

- Application: Drop 3x2mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-FTD925U-L

- Application: 2mm, 3mm, 0,9mm & 3.0*2.0mm & Drop 2.0*1.6mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



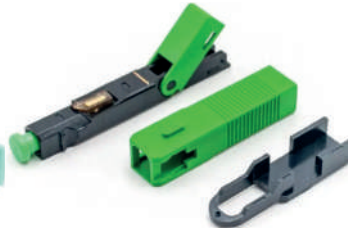
Mechanical connector SC
Mod. FAB-SC-03

- Application: Drop 3x2mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-SC-04

- Application: Drop 2x3mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-FAST

- Application: Drop 3x2mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-FTD925T

- Application: 2mm, 3mm, 0,9mm & 2.0*3.0mm & 2.0*1.6mm Flat Drop
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC



Mechanical connector SC
Mod. FAB-FTD9201

- Application: 2mm, 3mm, 0,9mm & 3.0*2.0mm & Drop 2.0*1.6mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC

Description

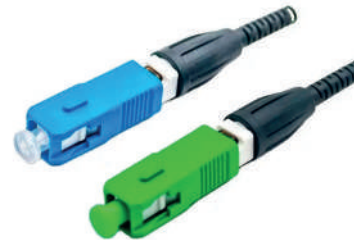
In general terms, mechanical connectors are components developed for cable termination without the need for fusion, They allow the correct alignment of the cores and automatic coupling and have a design that allows quick and easy assembly in minutes.

One of the great advantages of the mechanical connectors is that they not require epoxy or baking, so you can save time, plus there is no need for a polishing process, being a pre-polished connector.

Fibramerica has a wide catalog of quick connectors, with different configurations of polishing (UPC & APC), connector, fiber type (single or multimode) and type of application (round cable and/or flat drop). Both UPC and APC polished, in SC and LC. Each models is characterized by different fast assembly methods and type of cable to which it can be applied.

Likewise, they are adaptable, as we can find them in different configurations, both for their type of polishing, connector, type of fiber (single or multimode) and even the type of cable (round or square).

Fibramerica connectors use high quality equalizing gel and first class ferrules to guarantee excellent parameters in all its mechanical connector product line.



Mechanical connector SC
Mod. FAB-FTD9201

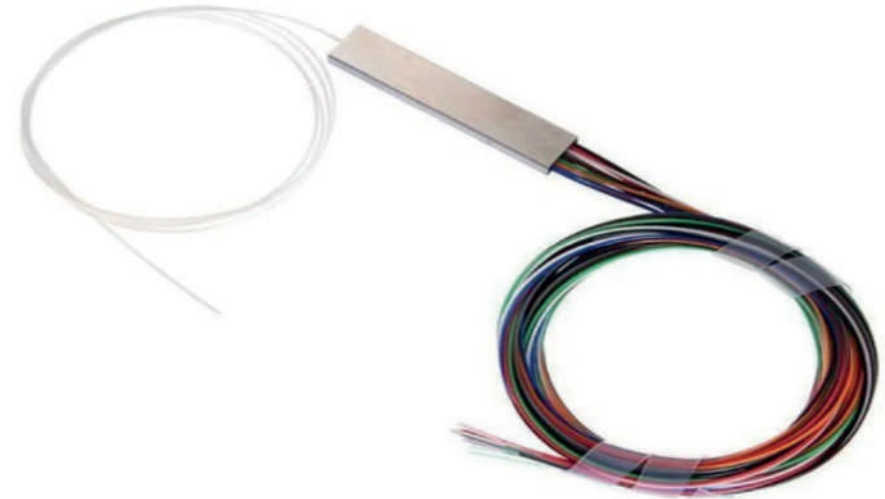
- Application: 2mm, 3mm & 0,9mm
- RL: ≥ 45 dB for UPC | ≥ 50 dB for APC
- MM: UPC ≥ 25 dB



Mechanical connector SC
Mod. FAB-SC-02

- Application: Application: 2mm, 3mm, 0,9mm & Drop 3.0*2.0mm
- RL: ≥ 50 dB for UPC | ≥ 55 dB for APC

Optical Splitter



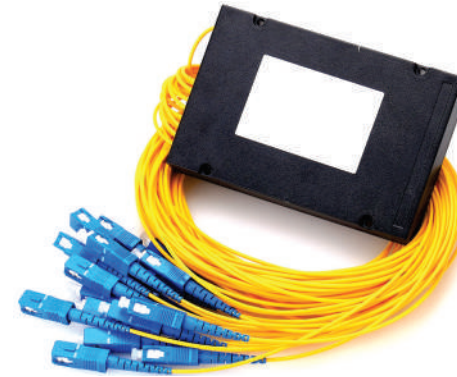
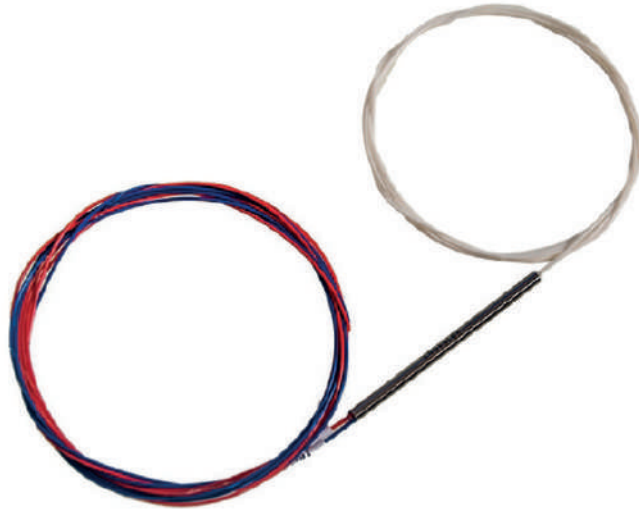
Description

Splitters are used in passive optical network (EPON, GPON, BPON, FTTx, FTTH, etc.) to implement point-to-point architectures, that is, a fiber is split and distributes the signal to serve different number of subscribers in different residential units.

Fibramerica develops a line of splitters, both connectorized and non-connectorized, following international quality standards and technical requirements stable optical specifications. Fibramerica's optical splitters are characterized by low insertion loss (IL), low polarization loss (PDL) and high port uniformity.

PLC Splitter 1xN (N>2) with connectors						
Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operating wavelength	1260~1650nm					
Insertion loss (maximum)	4.1	7.4	10.5	13.8	17.1	20.4
Return loss (minimum)	APC	55	55	55	55	55
	UPC	50	50	50	50	50
PDL (maximum)	0.2	0.2	0.25	0.3	0.3	0.3
Directivity	55	55	55	55	55	55
WDL (dB)	0.4	0.4	0.4	0.5	0.5	0.5
Pigtail size	1m standard or personalized					
Fiber type	G652D, G657A1, G657A2					
Operating temperature	-40°C ~ 85°C					
Microchip size	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	100x40x6

PLC Splitter 1xN (N>2) without connectors						
Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operating wavelength	1260~1650nm					
Insertion loss (maximum)	4.1	7.4	10.7	13.9	17.2	21.5
Return loss (minimum)	APC	55	55	55	55	55
	UPC	50	50	50	50	50
PDL (maximum)	0.2	0.2	0.25	0.3	0.3	0.3
Directivity	55	55	55	55	55	55
WDL (dB)	0.4	0.4	0.4	0.5	0.5	0.5
Pigtail size	1m standard or personalized					
Fiber type	G652D, G657A1, G657A2					
Operating temperature	-40°C ~ 85°C					
Microchip size	40x4x4	40x4x4	40x4x4	50x7x4	50x7x4	60x12x4



General features

- Compact design.
- Low insertion loss and low polarization loss (PDL).
- ITU-T G.657A or G.652D, etc. - compliant.
- High reliability.
- Wide wavelength range.
- Customizing packaging and configuration.
- Full Telcordia GR1209 / 1221 qualifications.

FTB Splitter 1xN (N>2) without connectors								
Parameters	1x2							
Operating wavelength	1310~1550nm							
Relation insertion loss (IL)	1:99	2:98	5:95	10:90	20:80	30:70	40:60	50:50
Insertion loss (IL)	≤23.5	≤19.8	≤15.2	≤11.3	≤7.9	≤6.0	≤4.7	≤3.6
Uniformity (dB)	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8
Return loss (RL)	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
Pigtail size	1m standard or personalized							
Fiber type	G652D, G657A1, G657A2							
Diameter	Input: 250μm or 900μm Output: 250μm or 900μm							
Operating temperature	-40°C ~ 38°C							
Connectors	SC/APC, SC/UPC or personalized							

Description

Fibramerica provides high precision cassette type PLC splitter for optical network construction. Low requirement of placement position and environment, compact cassette type design, it can be easily placed in fiber optic splice box or any kind of box, which can reserve some space. It can be easily applied in FTTx construction, optical network construction, CATV network and etc.

General features

- Compact design.
- Low insertion loss and low PDL.
- High reliability.
- High number of channels.
- Wide wavelength range.
- Wide temperature range.
- Packaging and configuration setup.
- Complete Telcordia GR1209 / 1221 qualifications.

PLC Splitter 1xN (N>2) with connectors							
Parameters	1x2	1x4	1x8	1x16	1x32	1x64	
Operating wavelength	1260~1650nm						
Insertion loss (maximum)	4.1	7.4	10.5	13.8	17.1	20.4	
Return loss (minimum)	APC	50	50	50	50	50	
	UPC	55	55	55	55	55	
PDL (maximum)	0.2	0.2	0.3	0.3	0.3	0.3	
Directivity	55	55	55	55	55	55	
Pigtail size	1m standard or personalized						
Fiber type	G652D, G657A1, G657A2						
Operating temperature	-40°C ~ 85°C						
Microchip size	100x80x10	100x80x10	100x80x10	120x80x18	140x114x18	140x114x18	

Splitter LGX

Description

Fibramerica provides high precision module and LGX box PLC splitter for optical network construction. Low placement position and environment requirements, compact insertion module and LGX box type design.

It is small enough to place in indoor terminal box and ODF frame or fiber optic distribution box directly.

The PLC optical splitter offers uniform power splitting with low insertion loss, low PDL and high return loss. The user can customize the optical splitting ratio for each output channel. The working wavelength range is from 1260 to 1650nm.

It can be easily applied in the construction of FTTx, optical networks, etc.

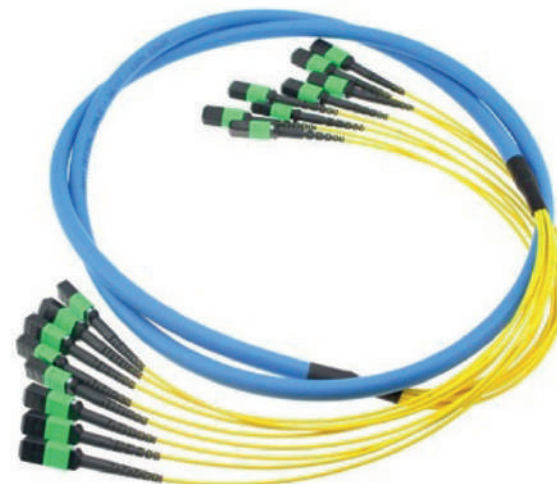
General features

- Compact design.
- Customizable number of channels.
- Customizable optical split ratio.
- Low insertion loss and low PDL.
- High reliability.
- High number of channels.
- Wide wavelength range.
- Wide operation range.
- Packaging and configuration.



PLC Splitter 1xN (N>2) with connectors							
Parameters		1x2	1x4	1x8	1x16	1x32	1x64
Operating wavelength		1260~1650nm					
Insertion loss (maximum)		4.1	7.4	10.5	13.8	17.1	20.4
Return loss (minimum)	APC	50	50	50	50	50	50
	UPC	55	55	55	55	55	55
PDL (maximum)		0.2	0.2	0.3	0.3	0.3	0.3
Directivity		55	55	55	55	55	55
Pigtail size		1m standard or personalized					
Fiber type		G652D, G657A1, G657A2					
Operating temperature		-40°C ~ 85°C					
Microchip size		100x80x10	100x80x10	100x80x10	120x80x18	140x114x18	140x114x18

Cable Trunk MPO-MPO



Description

Trunk cable assemblies consist of 12~144F fiber optic cables and 12F MPO-MPO, MTP-MTP or MPO-LC connectors.

The pull-ring trunk cable assemblies are designed to be quickly pulled out and connected to plug and play modules for high performance, high density fiber connections.

Features

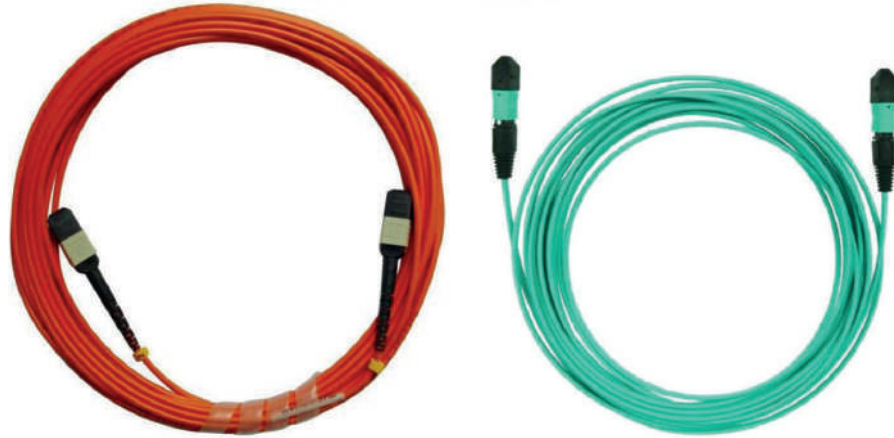
- Available from 12 to 144F fiber optic cables.
- Optional pull eye design to suit different installation environments.
- Round and minicore cable structure to eliminate kink sensitivity.
- Available in multimode (OM1 62.5/125µm, OM2/OM3/OM4 50/125µm in 10/40/100G) and single-mode (G652D, G657A1, etc.).

Standards

- TIA/EIA 604-5, IEC61754, Telcodia GR 1435-CORE, GR-326-CORE.
- Low smoke emission (IEC 61304), Zero halogen (IEC60754-1), Flame retardant (IEC 60332-3C), Corrosion resistance (IEC 60754-2).

Fiber	Fan-out length (cm)	Max. tensile strength (N)	Resistance to impact (N/cm)	Radius of curvature		Temperature
				Static	Dynamic	
12	60~100	450	100	10D	20D	-20°C~+60°C
24	60~100	450	100	10D	20D	-20°C~+60°C
48	60~100	450	100	10D	20D	-20°C~+60°C
72	60~100	450	100	10D	20D	-20°C~+60°C
96	60~100	450	100	10D	20D	-20°C~+60°C
144	60~100	450	100	10D	20D	-20°C~+60°C

Cable Trunk MPO-MPO



Description

Trunk cable assemblies consist of 12~144F fiber optic cables and 12F MPO-MPO, MTP-MTP or MPO-LC connectors.

The pull-ring trunk cable assemblies are designed to be quickly pulled out and connected to plug and play modules for high performance, high density fiber connections.

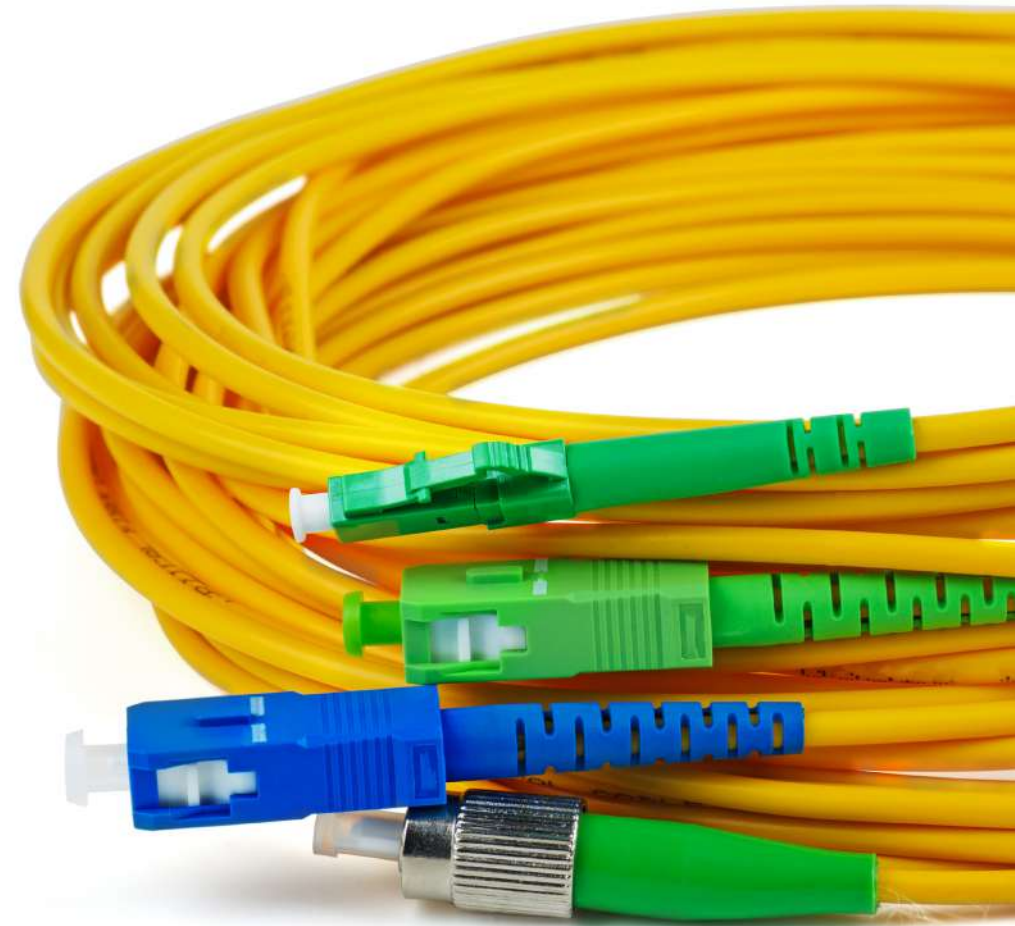
Features

- Available from 12 to 144F fiber optic cables.
- Optional pull eye design to suit different installation environments.
- Round and minicore cable structure to eliminate kink sensitivity.
- Available in multimode (OM1 62.5/125 μ m, OM2/OM3/OM4 50/125 μ m in 10/40/100G) and single-mode (G652D, G657A1, etc.).

Standards

- TIA/EIA 604-5, IEC61754, Telcordia GR 1435-CORE, GR-326-CORE.
- Low smoke emission (IEC 61304), Zero halogen (IEC60754-1), Flame retardant (IEC 60332-3C), Corrosion resistance (IEC 60754-2).

Fiber	Radius of curvature		Temperature
	Static	Dynamic	
8~12	10D	20D	-20°C~+60°C





Optical Distribution Frames

Fibramerica's Optical Distribution Frames (ODFs) are robust and efficient solutions for the organization and management of fiber optic networks. Designed to provide high connection density, these ODFs offer an optimized structure that facilitates the installation, maintenance, and expansion of telecommunications systems in data centers, enterprise networks, and critical infrastructure environments. Manufactured with high-quality materials and following international standards, ODFs are adaptable to various network configurations, providing flexibility and scalability to meet each customer's needs.

Fibramerica invests in innovation to ensure its ODFs meet the most demanding market requirements. With interchangeable modules and panels supporting various types of connectors, the ODFs enable more efficient fiber management, avoiding tangles and minimizing the risk of cable damage. Additionally, they feature protection systems against excessive tension and bending, ensuring that the fibers maintain their integrity even in high-density connection environments.

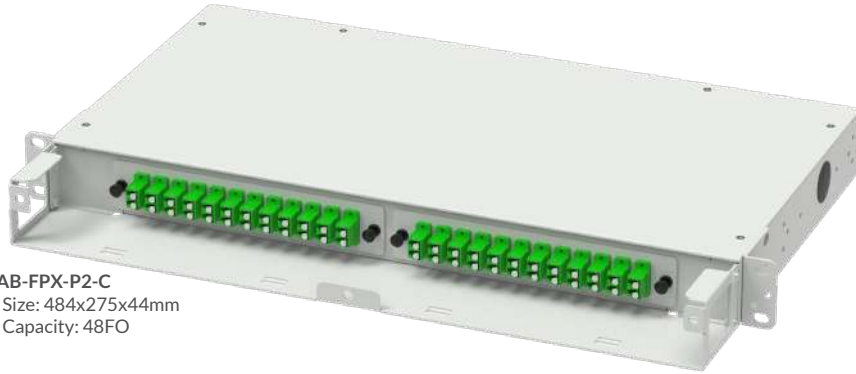
Another advantage of ODFs is the ease of access and maintenance. With panels that allow both front and rear openings, technicians can work more quickly and

safely, whether adding new cables or maintaining existing ones. This significantly reduces downtime and improves operational efficiency, making them essential components for companies looking to minimize costs and maximize the efficiency of their fiber optic networks.

ODFs are also designed to support network expansions and upgrades, making them a scalable solution for projects of any size. The modularity of the systems allows new modules to be easily integrated into the existing frame without the need for complete replacements. This feature is crucial for clients seeking flexibility and cost-effectiveness, ensuring that their network infrastructure can evolve without major interventions or additional expenses.

Finally, Fibramerica's ODFs are rigorously tested to ensure compliance with international standards, such as ISO9001, and the quality demanded by leading telecommunications operators. This guarantees that every unit delivered meets the highest quality standards, providing customers with the confidence that their networks are protected and operating with maximum efficiency and security. With customizable, high-performance solutions, Fibramerica stands out as a leader in ODFs for fiber optic networks.

Optical Dispensers (ODF)



FAB-FPX-P2-C
 • Size: 484x275x44mm
 • Capacity: 48FO



FAB-FPX-P14
 • Size: 482x300x44mm
 • Capacity: 24FO



FAB-FPX-P15
 • Size: 482.6x270x108mm
 • Capacity: 72FO



FAB-FPX-S18
 • Size: 482x300x44mm
 • Capacity: 24FO



FAB-FPX-S18-V2
 • Size: 482x300x44mm
 • Capacity: 24 FO



FAB-FSP-S19
 • Size: 482x250x44mm
 • Capacity: 24 FO



FAB-FSP-S2-F24-LC
 • Size: 482x340x44mm
 • Capacity: 24 FO



FAB-FPX-P1
 • Size: 482x276x200mm
 • Capacity: 72 FO



FAB-FPX-P2
 • Size: 482x250x88mm
 • Capacity: 144 FO



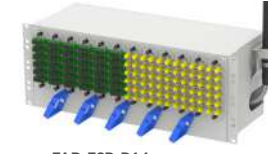
FAB-FPX-P4
 • Size: 434x482x255mm
 • Capacity: 192 FO



FAB-FPX-P5
 • Size: 482x250x88mm
 • Capacity: 144 FO



FAB-FSP-S21-48
 • Size: 482x310x88mm
 • Capacity: 48 FO



FAB-FSP-P14
 • Size: 482x175x173mm
 • Capacity: 144 FO



FAB-FSP-SX1-16
 • Size: 482.6x360x53mm
 • Capacity: 24 FO



FAB-FPX-P13
 • Size: 482.6x276x59.4mm
 • Capacity: 252 FO



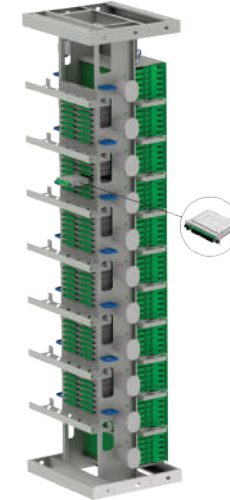
FAB-FPX-S3
 • Size: 171.2x482x278mm
 • Capacity: 144 FO



FAB-FPX-S12
 • Size: 482x240x88mm
 • Capacity: 96 FO



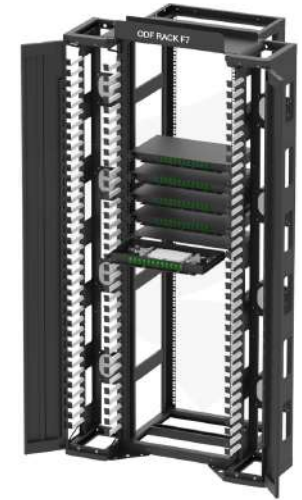
FAB-FPX-SX4
 • Size: 380x482x176mm
 • Capacity: 144 FO



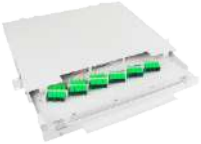
FAB-FSP-F2-792A
 • Size: 2200x550x500mm
 • Capacity: 792 FO



FAB-FSP-F4-B
 • Size: 2200x900x300mm
 • Capacity: 960 FO



FAB-FSP-F7
 • Size: 2200x900x600mm
 • Capacity: 1128 FO



FAB-FPX-P10
 • Size: 482.6x365.5x44mm
 • Capacity: 48 FO



FAB-FPX-P11
 • Size: 482.6x280x44mm
 • Capacity: 30 FO



FAB-FPX-P12
 • Size: 482x230x127.2mm
 • Capacity: 96 FO



FAB-FPX-P13
 • Size: 482.6x275x59.4mm
 • Capacity: 252 FO

Optical Dispensers (ODF)



- FAB-FSP-S7-576A
- Size: 470x482x190mm
 - Capacity: 288 FO

Description

The FAB-FSP-S7-576A optical distributor is used to house pre-connectorized optical couplers, patch panels and splice trays in operation, so that together they form an optical transmission and reception platform. It is used as fiber optic cable HD terminal equipment for splicing and patching.

Specification

- The unit consist of two mais parts: patching unit and splicing unit.
- Patching unit and splicing unit can be flexibly combined and installed interchangeably from left to right.
- Reasonable guide line system to guarantee fiber diameter ≥ 40 mm.
- Small size, easy installation.



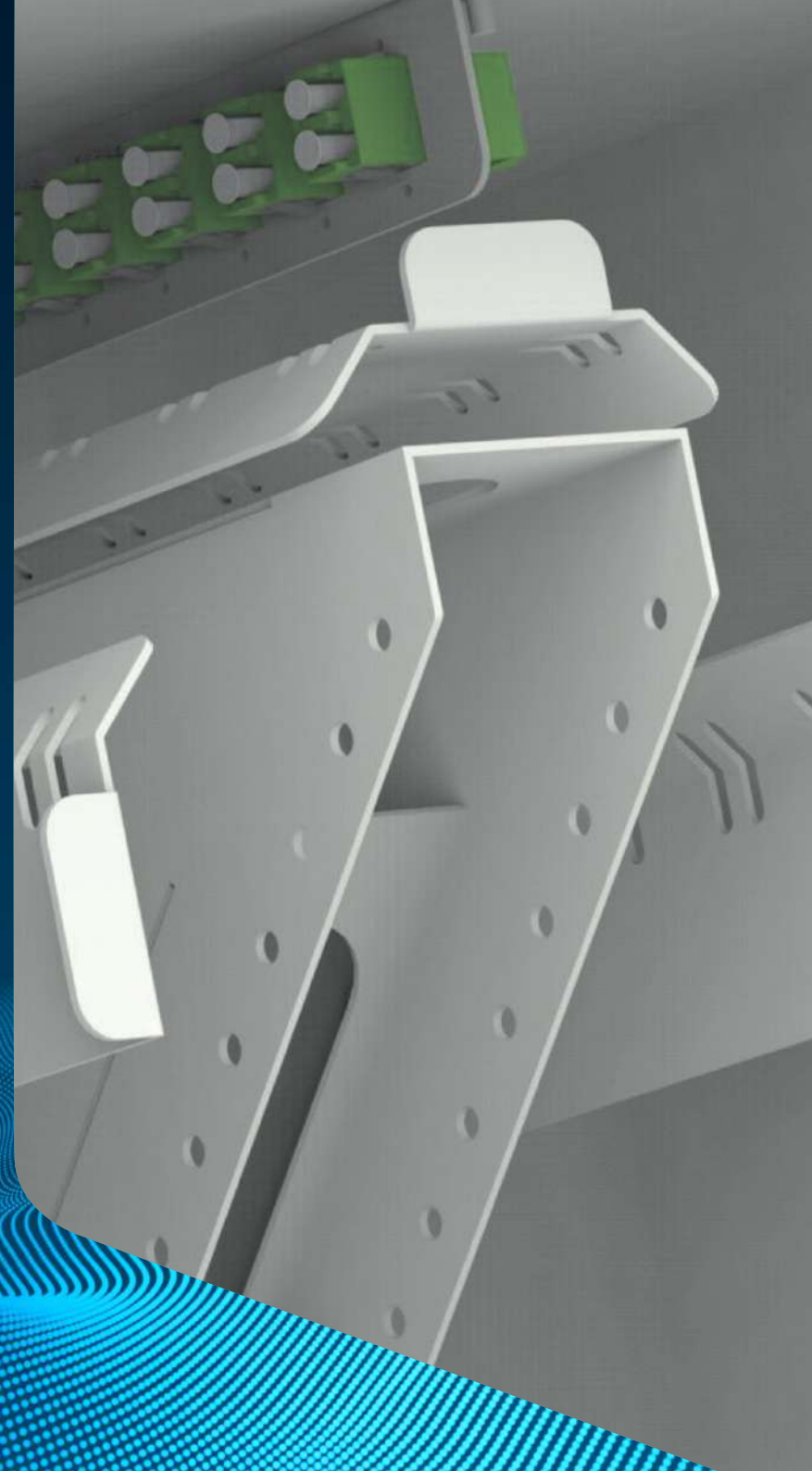
Racks and Cabinets

Fibramerica's metal line of racks and cabinets is designed to meet the needs of IT and telecommunications infrastructure efficiently and securely. These racks are made with high-quality materials and feature a robust construction that ensures durability and strength, even in demanding environments. With various size and configuration options, Fibramerica offers versatile solutions that adapt to data centers, enterprise networks, and other critical spaces requiring efficient and reliable organization.

The metal racks are engineered to optimize ventilation and thermal management of equipment, allowing for effective heat dissipation. They feature removable panels and perforated doors that facilitate airflow, ensuring that internal components maintain adequate temperatures and operate stably. Additionally, the modular structure of the racks allows for easy integration of additional ventilation systems if needed, providing flexibility to meet different thermal demands.

Fibramerica's metal cabinet line also stands out for its focus on equipment security and protection. With locking systems and reinforced doors, the cabinets offer physical protection against unauthorized access and potential damage. Furthermore, the racks feature high-quality finishes and anti-corrosion treatments, ensuring a long service life even in environments subject to climate variations and humidity.

Finally, Fibramerica designs its racks and cabinets with practicality and ease of installation in mind. With quick-mounting systems and optimized internal space, the metal line allows for efficient organization of cables and components, reducing the time and effort needed for installation and maintenance. These features make Fibramerica's metal line of racks and cabinets an ideal choice for companies seeking robust, secure solutions that ensure maximum performance for their IT and telecommunications systems.



Metal line: Racks and Cabinets



FAB-FDT-288
• Max. capacity: 288 FO



FAB-FSP-FDC-48A
• Max. capacity: 72 FO



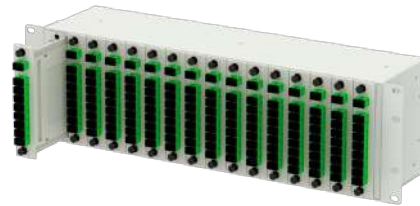
FAB-FSP-FDC-144B
• Max. capacity: 144 FO



FAB-FSP-FDC-CP-A
• Max. capacity: 576 FO



FAB-F4-B
• Capacity: 6U



FAB-FSP-SX2
• Max. capacity: 120 FO



FAB-FSP-M-01-288
• Max. capacity: 288 FO



FAB-FSP-FDC-576B
• Max. capacity: 624 FO

Metal line: Distribution Boxes



Description

FAB-FSP-M-DW series fiber distribution box is used as a terminal point for the feeder cable to connect with the drop cable in the telecommunication network system. Fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides protection and management for FTTx network construction.

- Size: 375x355x100mm
- Capacity: 96 FO



Description

FAB-FSP-M-DW-96 fiber distribution box is used as a terminal point for the feeder cable to connect with the drop cable in the telecommunication network system. Fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides protection and management for FTTx network construction.

- Size: 375x355x120mm
- Capacity: 48 FO



Description

FAB-FSP-M-DW-A series fiber distribution box is used as a terminal point for the feeder cable to connect with the drop cable in the telecommunication network system. Fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides protection and management for FTTx network construction.

- Size: 661x557x212mm
- Capacity: 96 FO



Description

FAB-FSP-M-DW-B series fiber distribution box is used as a terminal point for the feeder cable to connect with the drop cable in the telecommunication network system. Fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides protection and management for FTTx network construction.

- Size: 626x564x200mm
- Capacity: 144 FO



FIBRAMÉRICA

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