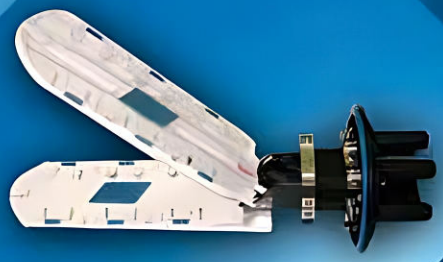
www.mezux.in

MEZUX
GPR SURVEY

Mezux Touch Pvt. Ltd.

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 Certified Company

Pan-India EPC contractor for telecommunications infrastructure — GPR survey, HDD drilling, network construction and government liaisoning. Triple-ISO certified.





Product Catalouge

Sale | Service | Maintanance

Introduction

Based in Faridabad, India, we are named among the fastest growing market player engaged in supplying world class **Joint Closure, Splice Closure, Cable Cutter , FMS** etc. Over the years of dedication and commitment, we have been able to acquire the status of a commendable Importer, Supplier, Trader and Wholesaler of the Telecommunication industry. Our wide array comprises **Fiber Optic Closure, Fiber Optic Splice Closure, OFC Tool Kit, FDMS, ODF, Fiber Cleaver, Ceramic Scissor, Fiber Stripper**, and many more.



A Triple-ISO Certified Company

The Mezux Touch Pvt. Ltd. maintained / holding various certification / license from Central Government and State Government like Pan Card, Service Tax, Tin Number, CST , Dvat , Tan Number , Central Excise Tax and take care of all Staff and Employees by cover them EPF & ESIC Policy by Governments.

Mezux A Optical Fiber Distribution Frame

Application

Mezux-A is fit for splicing, connection and distribution of fibers with large capacity. Normally it is used for backbone cable

distribution at exchange side in an optical access network.



DIMENSION AND CAPACITY

Type	Dimension (MM)	Interior Installation Height (U)	Capacity (cores)		
			Mezux-A48/ A72	Mezux-C48	Mezux-D72
Mezux-A20	H2000X-W750XD500	37	336/504	288	648
Mezux-A22	H2200X-W750XD500	41	384/576	336	720

Main Technical Index

- Compliant with criterion: YD/T778-2011
- Insulation resistance between cable fixed kits and frame: ≥ 1000MΩ/500V(DC)
- Dielectric strength between cable fixed kits and frame: ≥3000V (DC)/1min, no break down and no flying arc

Mezux B Optical Fiber Distribution Frame



Application

Mezux-B is fit for splicing, connection and distribution of fibers with small or middle capacity. Normally it is used for tributary

cable distribution at exchange side in an optical access network

DIMENSION AND CAPACITY

Type	Dimension (mm)	Interior Installation Height (U)	Capacity (cores)		
			Mezux-A48/A72	Mezux-C48	Mezux-D72
GPXJ-B20	H2000×W600×D450	24	192/288	192	432
GPXJ-B22	H2200×W600×D450	28	240/360	192	504

Main Technical Index

- Compliant with criterion: YD/T778-2011
- Insulation resistance between cable fixed kits and frame: ≥1000MΩ/500V(DC)
- Dielectric strength between cable fixed kits and frame: ≥ 3000V(DC)/1min, no break down and no flying arc.

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Mezux-C Optical Fiber Distribution Frame



Application

Mezux-B is fit for splicing, connection and distribution of fibers with small or middle capacity. Normally it is used for tributary

cable distribution at exchange side in an optical access network

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)
GPXJ-C20	H2000×W600×D300	360
GPXJ-C22	H2200×W600×D300	432

Main Technical Index

- Compliant with criterion: YD/T778-2011
- Insulation resistance between cable fixed kits and frame: ≥1000MΩ/500V(DC)
- Dielectric strength between cable fixed kits and frame: ≥ 3000V(DC)/1min, no break down and no flying arc

Mezux-A Optical Fiber Distribution Box









Application

Mezux-A is suitable for connection, distribution of different kinds of fiber connector. There are two main types of product in

this series: 48 cores or 72 cores, which could be configured flexibly according to requirement.

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)	Equipped Height (U)
Mezux-A48	H220×W482×D350	48	5
Mezux-A72	H220×W482×D350	72	5

Feature

- 19”standard installation, adjustable position in forward and backward direction
- Suitable for being installed in different kinds of optical distribution frame or cabinet
- Compact aluminum body with electrostatic spraying surface, light structure and fine-looking appearance

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Mezux-B Optical Fiber Distribution Box






Application

Mezux-B is suitable for connection, distribution of small capacity of fiber connectors. There are four main types of product in

this series: 12 cores, 24 cores and 48 cores, which could be configured flexibly according to requirement.

Feature

- 19”standard installation, adjustable position in forward and backward direction
- Suitable for being installed in different kinds of optical distribution frame or cabinet

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)	Equipped Height (U)
Mezux-B12	H44×W482×D320	12(18)	1
Mezux-B24	H88×W482×D320	24(36)	2
Mezux-BL24	H44×W482×D300	24	1
Mezux-BL48	H88×W482×D300	48	2

Mezux-C Optical Fiber Distribution Box



Application

Mezux-C is suitable for connection, distribution in case of kinds of fiber connector.

Feature

- 19”standard installation, adjustable position in forward and backward direction
- Suitable for being installed in different kinds of optical distribution frame or cabinet
- Compact aluminum body with electrostatic spraying surface, light structure and fine-looking appearance

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)	Equipped Height (U)
Mezux-C48	H265×W482×D350	48	6

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Mezux-D Optical Fiber Distribution Box



Application

Mezux-D is suitable for connection, distribution of many kinds of fiber connector. It is frequently used in host center or large capacity exchange room.

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)	Equipped Height (U)
Mezux-D12	H44×W482×D300	12	1
Mezux-D24	H88×W482×D300	24	2
Mezux-D48	H132×W482×D300	48	3
Mezux-D72	H176×W482×D300	72	4
Mezux-D96	H265×W482×D300	96	6
Mezux-D144	H354×W482×D300	144	8

Integrated splice module



Mezux-G Wall-mount Optical Fiber Distribution Box



DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)
Mezux-G12	H340×W300×D70	12
Mezux-G24	H340×W300×D90	24
Mezux-G48	H650×W350×D100	48
Mezux-G96	H650×W350×D100	96

Application

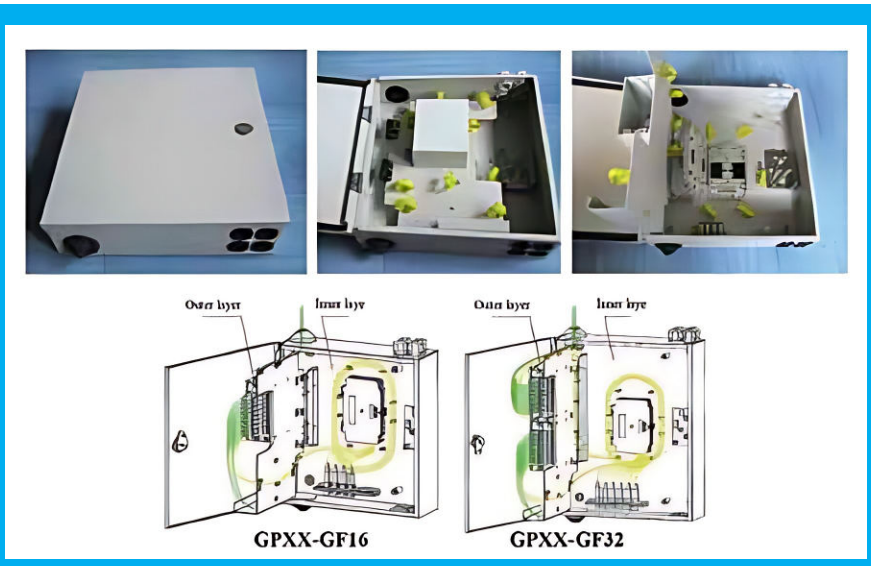
Mezux-G is suitable for splicing, connection, distribution of small capacity of fiber connector. Usually it is applied in optical access network.

Feature

- Compact aluminum body with electrostatic spraying surface, light structure and fine-looking appearance
- Side door could be opened as well as main door, easy to arrange the fiber
- Optical cable can be lead in/out from upside or downside
- Six pack adapter panels mounted on the front board are selectable with FC/SC/ST/LC type

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Mezux-GF Optical Fiber Distribution and Splitting Box



Application

Mezux-GF is used for connecting optical cable with various equipments in FTTX optical access network node. In FTTH application, it is applied to the second stage splitter point of optical fiber network. Optical cable can be connected by fusion or mechanical jointing method after introduction into the box. It is possible to realize cable termination, splitting and distribution function conveniently.

Feature

- Optical fiber distribution and splitting box is composed by cabinet body, splicing tray, splitting module and accessories.

DIMENSION AND CAPACITY

Type	Dimension (mm)	Slot No	Splitter
Mezux-GF16	H350×W340×D100	2	2pieces of 1×4 splitter /or 2pieces of 1×8splitter Or 1 piece of 1×16splitter
Mezux-GF32	H480×W350×D100	4	4 pieces of 1×4splitter /or 4 pieces of 1×8 splitter Or 2 pieces of 1×16splitter/or 1 pieces of 1×32splitter

Mezux Optical Terminal Box

Application

GPZ-2 is suitable for splicing, connection, distribution of small capacity of fiber. According to the customer requirement, the pigtail could be connected directly to equipment through the adapter. It could also be used as splicing unit to realize the inter-connection of fiber

Feature

- Small size with electrostatic spraying surface
- Cables fixed by gland and stainless hoop, stable and reliable
- Could be used as distribution box or splicing unit

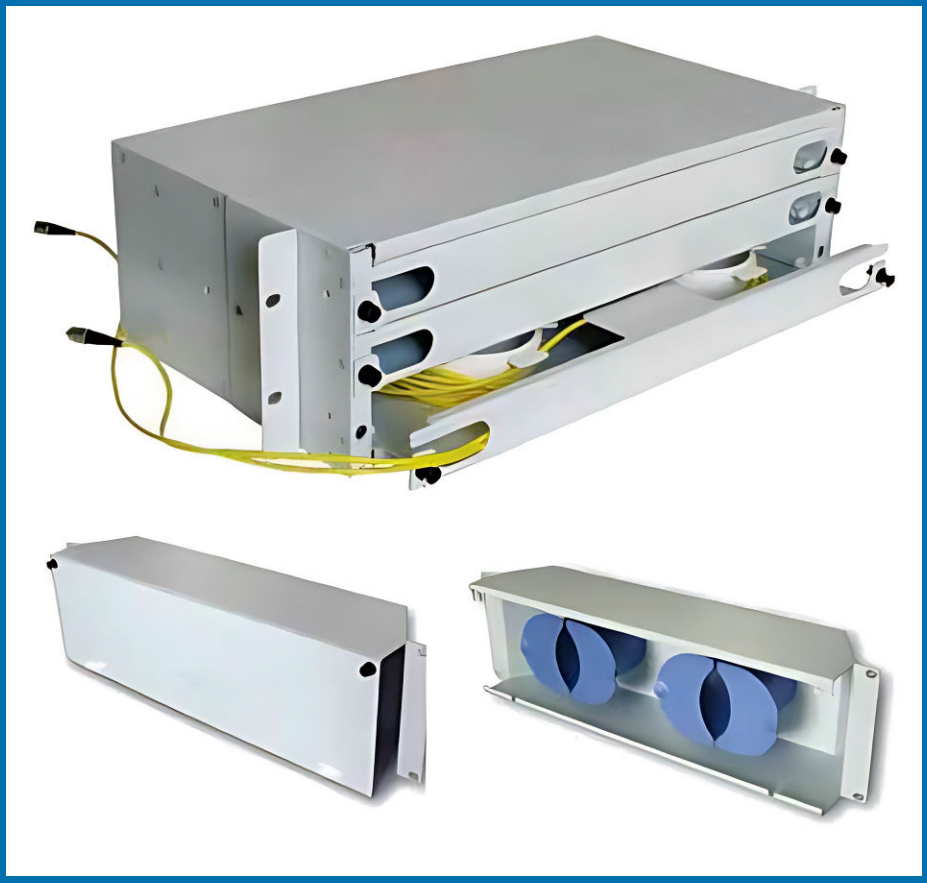


DIMENSION AND CAPACITY

Type	Dimension (mm)	Adaptor Output Capacity (cores)	Pigtail Output Capacity (cores)	Input/Output Cables
GPZ-206	H35×W200×D110	6	12	2
GPZ-212	H45×W280×D130	12	24	2

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Mezux-S Optical Fiber Asylum Box



Application

Mezux-S is product of 19" interface design. It is used for the accommodation of optical fiber and cable redundant for various of cabinets, keep the cabinet neat and orderly.

Feature

- 19" installation, suitable for various of cabinet
- Electrostatic spraying surface, light structure and fine-looking appearance
- The built-in arc holding ring, ensure the optical signal does not decay.

DIMENSION AND CAPACITY

Type	Dimension (mm)	Capacity (cores)
Mezux-S03	H132×W482×D300	3
Mezux-SL03	H132×W482×D150	3

GPQ-A/B Optical Cross Connection Cabinet



Application

GPQ-A/B is interface equipment which is used between backbone fiber and tributary fiber in optical access network. It is suitable for fiber splicing, storage and distribution function, and can be mounted on the ground or to the wall

GPQ-A DIMENSION AND CAPACITY

Type	Dimension (mm)	Module Number	Distribution Capacity (cores)	Splicing Capacity (cores)
GPQ-A144	H960×W520×D320	12	144	48
GPQ-A288	H1450×W750×D320	24	288	96
GPQ-A576	H1450×W750×D600	48	576	192

GPQ-A DIMENSION AND CAPACITY

Type	Dimension (mm)	Module Number	Distribution Capacity (cores)	Splicing Capacity (cores)
GPQ-B96	H1000×W560×D300	10	96	96
GPQ-B144	H1150×W600×D300	16	144	96
GPQ-B288	H1500×W750×D300	30	288	144
GPQ-B576	H1500×W750×D560	60	576	288

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GPQ-BF Optical Cross Connection Cabinet

Application

GPQ-BF is interface equipment which is used between backbone fiber and tributary fiber in optical access network. It is suitable for fiber plicing, storage and distribution function, and can be mounted on the ground or to the wall



DIMENSION AND CAPACITY			
Type	**Dimension (Including basement)**	**Distribution Capacity (cores)**	**Splicing Capacity (cores)**
GPQ-BF144	H1100×W600×D320	144	216



Optical Joint Enclosure



Application

GP series optical joint enclosure can be used in aerial, wall-mounted, underground, direct buried and duct mounted applications. The housing of closure is made of enhanced engineering plastic PC with excellent aging, intensity and fire resistant performance. It is used for optical cable/fiber connection and protection in straight-through or branching application.

With high performance sealant, fixing bolts and cable fixing hoop, the closure ensures waterproof, long term reliability and usage

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Optical Adapter

Feature

- Suitable for telecommunication networks, CATV and multimedia systems, data processing networks
- Ceramic ferrule with high durability and reliability
- Stable withdraw force (200-600fg)
- UPC/APC type available
- Low insertion loss

Specification

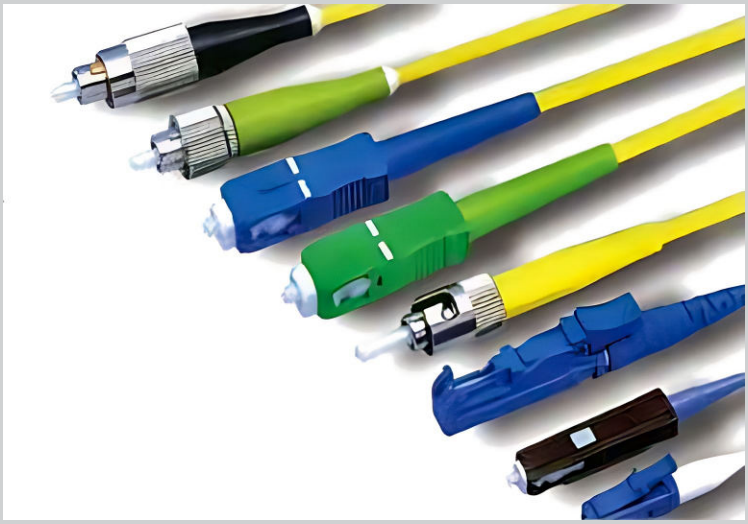
- Insertion loss: ≤0.2dB
- Plug/unplug times: ≥1000
- Loss variation (1000 times): ≤0.2dB
- Operating temperature:-40°C～ +80°C



Optical Patch Cord

Feature

- Suitable for telecommunication networks, CATV and multimedia systems, data processing networks
- Type: FC, SC, ST, MU, LC etc.
- High durability and reliability
- Low insertion loss and high return loss
- Single mode/multi mode, UPC/APC patch cord and pigtail available
- Single core, 2 cores, 4 cores, 6 cores, 8 cores, 12 cores patch cord and pigtail available
- Insertion loss: ≤0.2dB
- Durability: ≥1000times
- Operating temperature: -40～+80°C





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FMC-M/S-SC Optical Fast Connector

DIMENSION AND CAPACITY

Item	Measurement	Index (Press Type)	Index (Spiral Type)
Style		FMC-M/S-SC/UPC-A FMC-M/S-SC/APC-A	FMC-M/S-SC/UPC-B FMC-M/S-SC/APC-B
Length	mm	54	51
Insertion Loss	dB	≤0.3 (UPC), ≤0.4 (APC)	
Return Loss	dB	≥50 (UPC) ≥55 (APC)	
Applied Optical Cable		single core optical cable: 0.9mm 2.0mm 3.0mm bow-type drop cable: 2mm×3mm	
Repeatability, Temperature Stability	dB	≤0.2	
Operating Temperature	°C	-40~+80	
Tensile Strength	N	≥20	
Average assemble time	minute	≤2	
Repeatability	times	≥5	






Application

Optical fast connector is a kind of field-installable connector, which does not require polishing and adhesive. It can be used for splitter termination, optical panel box termination and direct access of ONU equipments, realize all-round coverage of applications in occasions of FTTX.

FMC-R/S-SC Fusion-spliced, Field-terminated Connector

Application

With fusion splicer, this kind of connector is used for terminating optical fiber in the field. It eliminates the need of polishing and adhesive. At the same time, the fusion-spliced, field-terminated connector ensures low return loss of >65dB in an SC/APC configuration.



DIMENSION AND CAPACITY

Item	Measurement	Index (Spiral Type)
Style		FMC-R/S-SC/UPC, FMC-R/S-SC/APC
Length	mm	55
Insert Loss	dB	≤0.3(1310nm&1550nm), average figure: 0.2 dB
Return Loss	dB	≥50(UPC), ≥65(APC)
Applied Optical Cable		single core optical cable: 0.9mm, 2.0mm, 3.0mm
Repeatability, Temperature Stability	dB	bow-type drop cable: 2mm×3mm
Operating Temperature	°C	≤0.2
Tensile Strength	N	-40 ~ +80

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Optical Splitter



FBT Fused Conical Optical Splitter

Fused conical optical splitter is used for multiple optical power distribution. It features small size, adjustable optical splitting ratio, high stability, low additional loss and polarization dependent loss .It is widely used in various FTTX networks of PON structure. Combridge provides whole series of splitters, and all products meet Telcordia GR1209/1221 standard.



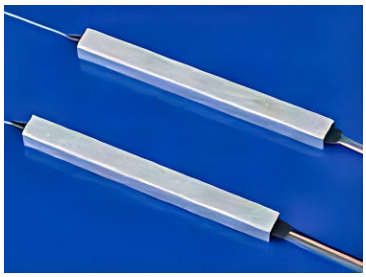
Typical Added-loss Value Table: (The insertion loss of optical connectors at input and output end is not involved)

N	2	3	4	5	6	7	8	9	10	11	12
Loss Value(dB)	0.15	0.3	0.4	0.45	0.5	0.55	0.6	0.7	0.8	0.9	1.0

PLC Planar Waveguide Splitter

Planar lightwave circuit (PLC) splitter is fabricated by using silica waveguide technology. It features small size, wide operating wavelength range (1260-1650nm), high reliability and good signal uniformity, and is widely used in various FTTX networks of PON structure to realize optical signal power management and connection between board and terminal equipment.

Combridge provides whole series of splitters, and all products meet Telcordia GR1209/1221 standard.



Item		1×2	1×3	1×4	1×8	1×16	1×32	1x64
Operating Wavelength (nm)		1260 ~ 1650						
Loss Uniformity (dB)	Typical Maximum (P/S)	3.6 3.8/4.0	6.0 6.2	6.8 7.1/7.3	10.0 10.2/10.5	13.0 13.5/13.7	16.0 16.5/16.9	19.0 20.5/21.0
Loss Uniformity (dB)	Typical Maximum	0.4 0.6	0.4 0.6	0.5 0.6	0.5 0.8	1.0 1.2	1.0 1.5	1.5 2.5
Return Loss(dB)		55/50	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss (dB)	Typical Maximum	0.1 0.2	0.1 0.2	0.1 0.2	0.1 0.3	0.1 0.3	0.2 0.3	0.2 0.4
Directivity (dB)		55						
Operating Temperature(°C)		-40 ~ +85						

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Mezux-Q Splitter Box



Application

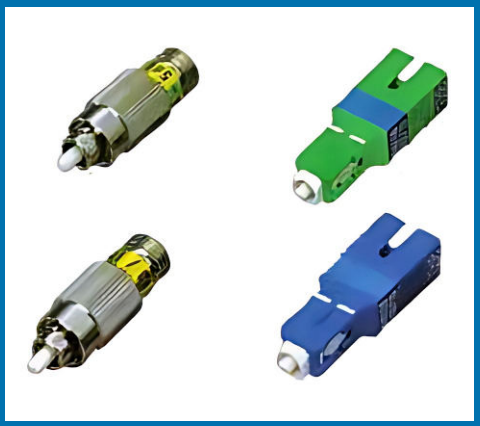
Mezux-Q series splitter box is of 19" interface design, used for installation of various of splitter, to meet need of signal distribution and management in passive optical network.



DIMENSION AND CAPACITY

Type	Dimension and Capacity	Capacity (ports)	Equipped Height (U)
Mezux-Q01	H44×W482×D350	27	1
Mezux-Q06	H265×W482×D350	9×12	6

Optical Attenuator



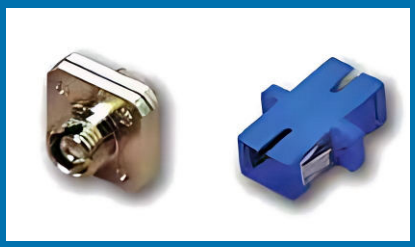
Plug Type Fixed Attenuator

- Easy for installation
- Low insertion loss
- Plug type: FC, SC
- Attenuator value (dB): 1-30dB
- Operating temperature: -40°C~+80°C



Fixed Attenuator

- Stability in all kinds of environment, easy for Installation
- Adapter type: FC, SC
- Attenuator value (dB): 3, 5, 8, 10, 15, 20
- Operating temperature: -40°C~+80°C



In-line-all-fiber fixed attenuator

- Full fiber structure, stable performance
- Low insertion loss
- Multi-type of connector available
- Attenuator value (dB): 1-30dB
- Operating temperature: -40°C~+80°C

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JG-F Server Cabinet



Application

Combridge's F series server cabinets are used to install and protect 19 inch rack mounted equipments, which are a kind of multi-functional cabinet meets industry standard (EIA-310).



DIMENSION AND CAPACITY

Type	Dimension (mm)	Internal Installation Height (U)
JG-F20110	H2000×W600×D1100	42
JG-F20110W	H2000×W800×D1100	42

JG-WL Network Server Cabinet



Feature

- 19" standard installation
- Cold rolled steel body with electrostatic spraying surface
- The side panel could be pulled off
- Cable holes on top and bottom of the rack to put in and out of the cables
- When using optical distribution box, remained fiber collection box can be used as an option to clean up the remained fiber
- Fans mounted on the top, easy for maintenance

DIMENSION AND CAPACITY

Type	Dimension (mm)	Internal Installation Height (U)
JG-W2080	H2000×W600×D800	42
JG-W2080W	H2000×W800×D800	42

JG-Q Wall Mounted Cabinet



Feature

- 19” standard installation
- Side panel could be pulled off. Equipments could be maintained easily
- Made of cool rolled steel
- Could place fans, tray, power socket etc

DIMENSION AND CAPACITY

Type	Dimension (mm)	Internal Installation Height (U)
JG-Q06	H350×W600×D450	6
JG-Q09	H500×W600×D450	9
JG-Q12	H600×W600×D450	12

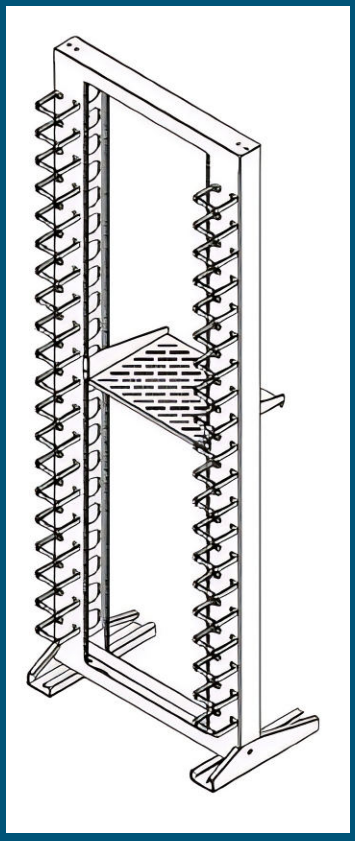
JG-K Open frame

Application

To provide idea installation space,load capacity and perfect cable management for various of network cable equipment

Feature

- 19”standard interface, modular design, low cost, easy to transport.
- Made of SPCC cold roll steel, main frame adopt multiple bending and contact welding technology. High strength, good rigidity
- Vertical cable management unit with flame retardant plastic
- Kinds of professional PDU is optional
- Compliance with ANSI/EIA RS-310-D, IEC297-2, DIN41491; PART1, DIN41494; PART7, GB/T3047.2- 92 standard.



DIMENSION AND CAPACITY

Type	Dimension (mm)	Internal Installation Height (U)
JG-K2084	H2000×W800×D400	42

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D-Vois | I-ON | Sterlite | spectranet | BSNL

MEZUX TOUCH PVT. LTD.

Triple-ISO Certified: ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

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