



A man in a dark jacket is seated at a desk, viewed from the side. He is holding a black mobile phone to his ear with his right hand. On the desk in front of him are three computer monitors and a laptop. The largest monitor on the left displays a 3x3 grid of nine different indoor scenes, including living rooms and bedrooms. The middle monitor also shows a grid of indoor scenes. The laptop on the left shows a single indoor scene. To the right of the desk, a white telephone is visible. The background is a plain, light-colored wall.



About Us

Headquartered in Hong Kong SAR China, Eight Limited was founded in 1996 as a Cable Television and Communications Product company. With a mission to provide products and services that meet our customers' needs and expectations, we build what you want and we offer INFINITE POSSIBILITIES.

Eight Limited designs and manufactures products used throughout the world for CCTV, HDTV, CATV SMATV as well as network systems. The company offers a full product line that includes HDTV, HD receivers, coaxial cables, RF amplifiers, taps, passives, connectors, modulators, dish antenna, satellite receivers, LNBFs, CCTV cameras, DVR, NVR, optical fiber, equipment racks, network cables, and more. Renowned for their superior quality and durability, all products are assembled and tested to meet the exact standards. We measure our success by the way our products perform in the field and the satisfaction from our customers.

EI8HT's customer base includes major cable television system operators, service providers, property developers, telcos, consumer electronics chain stores as well as individual consumers all over the world. Major customers in Hong Kong namely: HKSAR Government, Housing Authority, Hospitals, Universities, MTR, PCCW, SmarTone, i-Cable, TVB, Sun Hung Kai, Shun Hing, Broadway, Fortress etc.

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<http://www.eightgroup.com>

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IP NETWORK CCTV SYSTEM

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Features

- Indoor Dome Camera
- 2.0 Megapixel
- Fixed Lens 3.6 mm @F1.2
- 1/2.9" CMOS
- 14 IR LEDs, 10M
- Complex size
- PoE, Power Over Ethernet
- H.265 Compression

Network Dome Camera ETID-200R



Specifications

Model		ETID-200R
Camera	Image Sensor	1/2.9" CMOS
	Lens Type	3.6mm @ F1.2
	Min Illumination	Color 0.01Lux / Black & White 0001Lux
	Day / Night	ICR (Auto / Day / Night)
	WDR	Digital (Dynamic Range Enhancer)
	Shutter	1/50 (1/60) S to 1 / 10,000 S
	IR Distance	10m
	Image Enhancement	Backlight Compensation / Exposure Control / AGC / Noise Reduction
Video	Video Compression	H.265 / H.264 Compression, Support dual-stream
	Max Resolution	1920 x 1080
	Max Frame Rate	25 fps @ 1920 x 1080
	Motion Detection	Support
	Text Overlay	Yes
Network	Ethernet	RJ-45 10/100M
	Protocol	RTSP / FTP / PPPoE / DHCP / DDNS / NTP / UPnP
	Open Protocol	ONVIF
	CMS	Yes
General	Mobile Monitoring	iOS & Android
	Power Source	PoE / DC12V
	Power Consumption	7W
	Operating Temperature	-10 to 50
	Operating Humidity	< 90%



Features

- Outdoor Bullet Camera
- 2.0 Megapixel
- Fixed Lens 3.6 mm @F1.2
- 1/2.9" CMOS
- 36 IR LEDs, 10M
- Complex size
- PoE, Power Over Ethernet
- H.265 Compression

Network Bullet Camera ETIU-200R



Specifications

Model		ETIU-200R
Camera	Image Sensor	1/2.9" CMOS
	Lens Type	3.6mm @ F1.2
	Min Illumination	Color 0.01Lux / Black & White 0001Lux
	Day / Night	ICR (Auto / Day / Night)
	WDR	Digital (Dynamic Range Enhancer)
	Shutter	1/50 (1/60) S to 1 / 10,000 S
	IR Distance	20m
	Image Enhancement	Backlight Compensation / Exposure Control / AGC / Noise Reduction
Video	Video Compression	H.265 / H.264 Compression, Support dual-stream
	Max Resolution	1920 x 1080
	Max Frame Rate	25 fps @ 1920 x 1080
	Motion Detection	Support
	Text Overlay	Yes
Network	Ethernet	RJ-45 10/100M
	Protocol	RTSP / FTP / PPPoE / DHCP / DDNS / NTP / UPnP
	Open Protocol	ONVIF
	CMS	Yes
General	Mobile Monitoring	iOS & Android
	Power Source	PoE / DC12V
	Power Consumption	7W
	Operating Temperature	-10 to 50
	Operating Humidity	< 90%



NVR with SATA EIR-H1032

Features

- 32 Channel NVR with 2 SATA Bays
- Support HDMI 4K output VGA HD output
- Support ONVIF; access third party
Support web, CMS, center platform management software
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions
- Support multiple network services (support DHCP, FTP, DNS, DDNS, NTP, UPNP, EMAIL, IP searches, Alarm Center, etc.)

Specifications

Model		EIR-H1032
System & Interface	Main processor	Hi3536C
	Operating System	Embedded Linux
	System resources	Simultaneous multi-channel real-time recording, playback, network operation, USB backup
	Operator interface	16-bit true color graphic menu operation interface, support mouse operation
	Preview	1 / 4 / 9 / 16 / 32
Video	Video input (IP)	32x4K / 32x5M / 32x1080P
	Access bandwidth	300Mbps
	Forwarding bandwidth	240Mbps
	Video compression	H.265/H.264
	Display quality	Max:4K
	Playback quality	4K / 5M / 1080P
	Decode	1x4K / 2x5M / 4x1080P
	Motion detection	Support(depend on camera)
Audio	Audio compression	G.711A
	Intercom	support
Record & Playback	Recording mode	Manual>Alarm>Dynamic Detection>Timing
	Local playback	1x4K / 2x5M / 4x1080P
	Search mode	Search by Time / Calendar / Event / Channel
	Record storage	HDD 、 Network
	Backup mode	Network backup, USB hard disk, USB burner, SATA burner
External interface	Video output	1ch VGA 、 1ch HDMI HD output
	Audio I/O	1 / 1
	Alarm I/O	0 / 0
	Network interface	1xRJ45 10M / 100M / 1000M Adaptive Ethernet port
	USB interface	2xUSB2.0 portsx
	HDD	2 SATA (Up to 8TB for each disk)
	ESATA	No
	Serial interface	No
General	ONVIF	Support
	Power supply	12V / 4A
	Power Consumption	<10W (Without HDD)
	Work Temperature	0°C ~ +55°C
	Work Humidity	10% ~ 90%RH
	Work Atm	86kpa ~ 106kpa



Features

- 32 Channels NVR with 4-SATA Bays
- Support VGA Full HD output
- Support HDMI 4K output
- Support ONVIF
- Support Third-party network cameras
- H.265 / H.264 Compression
- Support Hard Disk Up to 8TB/SATA Channel
- IOS & Android System Support

NVR with SATA EIR-2032-4

Specifications

Model	EIR-2032-4
IP Camera Input	8x4K / 32x5M / 32x1080P
Display Quality	Max 4K
Playback Quality	4K/5M/1080P
Video Compression	H.265 / H.264
Decode (Local Playback)	1x4K / 2x5M / 4x1080P
Motion Detection	Support/Depend On Camera
Audio Compression	G.711A
Recording Mode	Manual/Alarm/Dynamic Detection/Timing
Search Mode	Search by Time/Calendar/Event/Channel
On-board SATA Port	4 SATA Channels
Hard Disk	Up to 8TB for each disk
Backup Mode	Network Backup/USB Hard Disk/USB CD Writer
Video Output	HDMI x 1, VGA x 1
Audio I/O	1 in / 1 out
Alarm I/O	16 in / 4 out
Network Interface	1 RJ45 10M/100M/1000M
USB Interface	2 x USB 2.0 ports
ONVIF	Support
Power Supply	12V/6A
Power Consumption	<10W (Without Hard Disk)
Operation Environment	Temperature: 0°C to 55°C, Humidity: 10%-90%
Dimension	440mm (L) x 340mm (W) x 80mm (H)
Weight	Approx 4.5Kg (Without Hard Disk)



Features

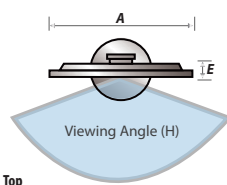
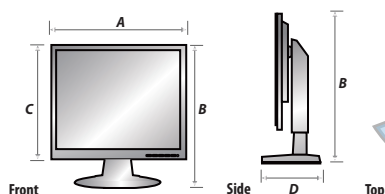
- 5ms response time
- HDMI, BNC, VGA inputs, BNC output
- Comb filter
- Audio in, Audio out
- Built-in speakers
- Noise reduction
- Built-in power supply

LED Security Monitor 4:3 / 5:4 Series Monitor

Specifications

Model		SM15AH	SM17AH	NEXUS17	SM19AH	NEXUS19
Panel	Inch	15"	17"	17"	19"	19"
	Resolution	1024 x 768 @ 60Hz	1280 x 1024 @ 60Hz	1280 x 1024 @ 60Hz	1280 x 1024 @ 60Hz	1280 x 1024 @ 60Hz
	Brightness	300 cd/m ²	300cd/m ²	300cd/m ²	300 cd/m ²	300 cd/m ²
	Contrast	800:1	1000:1	1000:1	1000:1	1000:1
	Viewing Angle Degree	160°(H) / 145°(V)	170°(H) / 160°(V)	170°(H) / 160°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
	Pixel Pitch (mm)	0.099 (H) x 0.297 (V)	0.264 (H) x 0.264 (V)	0.264 (H) x 0.264 (V)	0.0976 (H) x 0.2928 (V)	0.0976 (H) x 0.2928 (V)
Picture	Scan System	Interlace	Interlace	Interlace	Interlace	Interlace
	Comb Filter	Yes	Yes	Yes	Yes	Yes
	Screen Mode	4:3	5:4	5:4	4:3 / 5:4	4:3 / 5:4
Input	Composite	2 (BNC)	1 (BNC)	1 (BNC)	1 (BNC)	1 (BNC)
	VGA	1	1	1	1	1
	HDMI	1	1	1	1	1
	Audio	---	1 (3.5mm Stereo Plug)	1 (3.5mm Stereo Plug)	1 (3.5mm Stereo Plug)	1 (3.5mm Stereo Plug)
Output	Composite	1 (BNC)	1 (BNC)	1 (BNC)	1 (BNC)	1 (BNC)
	Audio	---	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker
General	Power Supply	DC12V / 3A	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V
	Power Consumption	Less than 20W	Less than 25W	Less than 25W	Less than 25W	Less than 25W
	Dimension					
	A	348 mm	372 mm	372 mm	419 mm	419 mm
	B	328 mm	386 mm	386 mm	413 mm	413 mm
	C	273mm	318 mm	318 mm	366 mm	366 mm
	D	120 mm	184 mm	184 mm	180 mm	180 mm
	E	69 mm	61 mm	61 mm	61mm	61mm
	Weight	2 Kg	3.5 Kg	3.5 Kg	3.88 Kg	3.88 Kg
	VESA	75 x 75 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm

DIMENSION (Unit: mm)



ACCESSORIES: TV-WM





Features

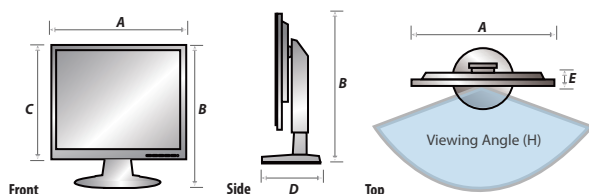
- 5ms response time
- HDMI, BNC, VGA inputs, BNC output
- Comb filter
- Audio in, Audio out
- Built-in speakers
- Noise reduction
- Built-in power supply

LED Security Monitor 16:9/16:10 Series Monitor

Specifications

Model		SM15AH	GALAXY19	GALAXY22
Panel	Inch	10.1"	18.5"	21.5"
	Resolution	1280 x 800 @ 60Hz	1366 x 768 @ 60Hz	1920 x 1080 @ 60Hz
	Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²
	Contrast	800:1	1000:1	1000:1
	Viewing Angle Degree	178°(H) / 178°(V)	178° / 178°	170°(H) / 160°(V)
	Pixel Pitch (mm)	0.1695(H) x 0.1695(V)	0.3	0.248 (H) x 0.248 (V)
Picture	Scan System	Interlace	3D De-interlace	3D De-interlace
	Comb Filter	Yes	3D Comb filter	3D Comb filter
	Screen Mode	16:10	16:9	16:9
Input	Composite	1 (BNC)	1 (BNC)	1 (BNC)
	VGA	1	1	1
	HDMI	1	1	1
	Audio	1 (3.5mm Stereo Plug)	1 (3.5mm Stereo Plug)	1 (3.5mm Stereo Plug)
Output	Composite	1(BNC)	1 (BNC)	1 (BNC)
	Audio	Built-in 1W Stereo Speaker	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker	1 (3.5mm Stereo Plug), Built-in 2W Stereo Speaker
General	Power Supply	DC 12V	AC100 - 240V	DC 12V / 3A
	Power Consumption	Less than 15W	Less than 20W	Less than 20W
	Dimension			
	A	246 mm	453 mm	509 mm
	B	231 mm	341 mm	380 mm
	C	173 mm	281 mm	306 mm
	D	85 mm	185 mm	200mm
	E	43 mm	51 mm	48 mm
	Weight	1.5 Kg	2.8 kg	3 kg
	VESA	75 x 75 mm	100 x 100 mm	100 x 100 mm

DIMENSION (Unit: mm)



ACCESSORIES: TV-WM





Features

- Complies to IEEE 802.3af PoE standard
- Low power devices receives only the power they need
- Automatic detection and protection of non-standard Ethernet terminals
- Internal power supply

PoE Giga Switch ENS-XXPOE Series

Specifications

Model	ENS-8POE/2UGS	ENS-16POE/2UGS	ENS-24POE/GS
Hardware			
10/100/1000 Mbps Copper Ports	8 10/100 /1000 Base-TX PoE ports	16 10/100 /1000 Base-TX PoE ports	24 10/100 /1000 Base-TX PoE ports
Uplink Ports	2 Gigabit uplink ports	2 Gigabit uplink ports	2 Gigabit uplink ports
SFP/mini-GBIC Slots	2 1000 Base-SX/LX/BX SFP interfaces	2 1000 Base-SX/LX/BX SFP interfaces	2 1000 Base-SX/LX/BX SFP interfaces
Switch Fabric	20 Gbps / non-blocking	52 Gbps / non-blocking	52 Gbps / non-blocking
Switch Throughput	4.17Mpps @ 64Bytes	6.547Mpps @ 64Bytes	38.688Mpps @ 64Bytes
Address Table	8K entries	8K entries	8K entries
Share Data Buffer	512K bytes	4M bytes	4M bytes
Flow Control	IEEE 802.3X Pause Frame for Full-duplex Back pressure for Half-duplex	IEEE 802.3X Pause Frame for Full-duplex Back pressure for Half-duplex	IEEE 802.3X Pause Frame for Full-duplex Back pressure for Half-duplex
LED	Power, PoE In-use (Yellow) 10/100 LINK / ACT (Green) 1000 LINK (Yellow)	Power, PoE In-use (Yellow) 10/100 LINK / ACT (Green) 1000 LINK (Yellow)	Power, PoE In-use (Yellow) 10/100 LINK / ACT (Green) 1000 LINK (Yellow)
Dimension (W x D x H)	250mm x 150mm x 44mm, 1U height	295mm x 165mm x 44mm, 1U height	440mm x 220mm x 44mm, 1U height
Weight	1.6 Kg	2.5 Kg	4.0 Kg
Power over Ethernet			
Power Requirement	100~240 VAC	100~240 VAC	100~240 VAC
Power Consumption	150W (Max)	250W (Max)	350W (Max)
PoE Standard	IEEE802.3af, IEEE802.3at Power over Ethernet	IEEE802.3af, IEEE802.3at Power over Ethernet / PSE	IEEE802.3af, IEEE802.3at Power over Ethernet / PSE
Output Power Voltage	52VDC	52VDC	52VDC
User Port Power	Max. 30Watts	Max. 30Watts	30Watts
Total Power	130W	250W	320W



Features

- 100Mbps fast Ethernet
- Provide 3x10/100Base-TX RJ45 port
- All ports support non-blocking wire speed forwarding for
- smoother transmission

Complies with IEEE 802.3af

The maximum POE output power of a single port is 30Watt

No configuration, easy to use and maintenance

POE Extender ENX-POE0102

Specifications

Model	ENX-POE0102
Product interface	2 10/100 Base-TX POE port (Data/Power) 1 10/100 Base-TX upstream PD port (Data/Power)
Transmission distance	10 BASE-T: Cat3,4,5 UTP (≤100meter) 100BASE-TX: Cat5 or later UTP (≤100meter)
Network protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3x
Forwarding mode	Storage and forwarding (full line speed)
POE Power Supply standard	Support IEEE802.3af/at
Power Supply Type	Default 1/2 (+), 3/6 (-)
Maximum POE power	30Watt
The machine power consumption	< 2Watt
Input voltage and interface	POE (IEEE802.3af/at), RJ45 port
Working temperature	-20°C~60°C
Product size (LxWxH)	84x53x22mm
Product weight	95g
Diagram	



Features

- Up to 30W of Power on 4-pair
- IEEE 802.3bt Compliant
- Safe on low power devices receive only the power they need
- Safe and Reliable Power to WLAN Access Points
- Automatic detection and protection of non-standard ethernet terminals
- Supports 10/100/1000Base-T LAN environment
- Unique interlocking feature for easy installation

PoE Injector ENP-001

Specifications

Model		ENP-001
Technical	Standards Compliance	IEEE 802.3 10Base-T Ethernet
		IEEE 802.3u 100Base-Tx Fast Ethernet
		IEEE 802.3bt Power over Ethernet
	Connector	RJ-45 10/100/1000 Mbps
Power	Pin Assignment and Polarity	Data+Power Pairs 1/2 (+), 3/6 (-);
	Output Power Voltage	48-56VDC
	Power	30 Watts Max.
	Input Power AC Input Voltage	100~240VAC
	Requirements AC Input Current	≤1.5A @ 100~240 VAC
General	Dimensions (L x W x H)	39x62.7x145mm
	Weight	490g
	Indicators	AC Power (Green)
		PoE (Orange)
	Operating Temperature	-20 ~ 60°C
	Storage Temperature	-10 ~ 70°C
	Storage Humidity	Maximum 95%, Non-condensing



Features

- UP to 1.25Gbps data rate
- Duplex LC receptacle optical interface compliant
- Receiver loss of signal output
- AC coupling of PECL signals
- International Class 1 laser safety
- Transmitter disable input
- Application: Gigabit ethernet, switch to switch interface, Gigabit fiber Channel, switched backplane applications
- Standards: Compliant with SFP MSA (INF-8074i), SFF-8472 v9.3, IEEE802.3z Gigabit Ethernet, ITU-T G.695

SFP Fiber Transceiver FTRM-SFP Series



Specifications

Model		FTRM-SFP-550M	FTRM-SFP-20KM	FTRM-SFP-40KM	FTRM-SFP-80KM	FTRM-SFP-120KM
Technical Specification	Supply Current	Tx Section	300 mA	300 mA	300 mA	300 mA
		Rx Section	300 mA	300 mA	300 mA	300 mA
	Receiver Sensitivity	550m	-18 dBm	---	---	---
		1310nm 20km	---	-20 dBm	---	---
		1550nm 40km	---	---	-20 dBm	---
		1310nm 40km	---	---	-23 dBm	---
		1550nm 80km	---	---	---	-23 dBm
		CWDM 80km	---	---	---	-24 dBm
		1550nm 120km APD	---	---	---	-31 dBm
		CWDM 120km	---	---	---	-32 dBm
	Overload Input Power	550m	0 dBm	---	---	---
		15km ~80km PIN	---	-3 dBm	-3 dBm	---
		120km APD	---	---	---	-9 dBm
Functions	Center Wave Length		1210nm			
	Transmission Range		9/125um (up to 20Km)			
	Connector		LC type			
	Operating Temperature		-10°C~70°C			
	Power Supply Voltage		3.135V~3.465V			
	Data rate		1.25/1.0625Gb/s			
	Storage Temperature Range		-40°C~+85°C			
	Relative Humidity		5% ~ 95%			
	Power Supply Voltage		-0.5V + 4V			
	Dimension (WxDxH)		60x14x13 mm			



Features

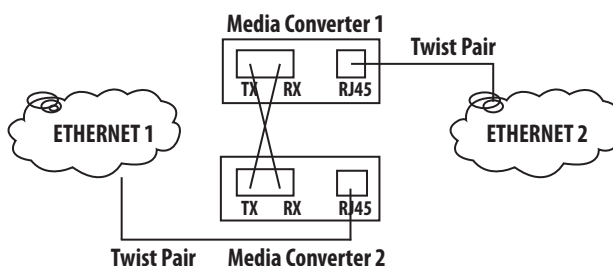
- In conformity to IEEE802.3 10base-T, IEEE802.3u 100 base-TX/FX, IEEE802.3ab 1000 base-T, IEEE802.3Z 1000base-SX/LX, IEEE802.1a, IEEE802.1PQ0S, IEEE802.1d spanning tree
- MDI/MDI-X auto negotiation
- Supports 2U 19" system chassis, holds up to 14pcs standalone type media converter or 16pcs card based media converter
- Supports 10/100Mbps and 10/100/1000M full/half duplex and auto-negotiations, easy upgrades
- Supports VLAN transmission



Media Converter EETF Series

Specifications

Model		Single Mode	Multimode (OM3)	
Rate	Self-adaptive 10/100M or 10/100/1000M		Power	2.5W
Protocol Supported	IEEE802.3/IEEE802.3U etc.		Power Supply	DC5V/1A
Fiber Type	Single / dual fiber		Working Temperature	0°C ~ 50°C
Optic Mode	Single / multimode		Working Humidity	5% ~ 95%
Transmission Mode	SX / DX		Storage Temperature	-40°C ~ 70°C
Ethernet Interface	RJ-45		Storage Humidity	5% ~ 95% (no-condensing)
Optic Interface	SC/FC/ST		Weight	0.38KG
Optic Wavelength	850nm, 1310nm, 1550nm (Options)		Dimensions	94 x 70.6 x 26.5mm for device
BER	< 1/1000000000			
MTBF	3 years			



Part Number	Optic Fiber	Wavelength	Power	Rx Sensitivity	Transmission Distance	Loss Allowed	Speed
EETFMM-2	MM	850/1310 nm	-20~-12 dBm	-30 dBm	2 KM	10 dBm	10/100 MBps
EETF5M-25	SM	1310 nm	-15~-7 dBm	-34 dBm	25 KM	19 dBm	10/100 MBps
EETF5M	MM	850 nm	-9.5~-4 dBm	-17 dBm	0.55 KM	8 dBm	10/100/1000 MBps
EETF5S-20	SM	1310 nm	-6~-1 dBm	-21 dBm	20 KM	15 dBm	10/100/1000MBps



Features

- Transmits HDMI video and audio signals up to 20km over one fiber optic cable
- Support video resolution up to 1920 x 1080P@60Hz;
- Compliance with HDMI 1.3 and HDCP 1.2
- Auto-match source and display device
- Built-in automatic adjustment system, make the image smooth, clear and stable
- Built-in ESD protection system
- Simple to install, plug and play

Optical HDMI Extender EH0106T, EH0106R

Specifications

Model		EH0106T, EH0106R
Video	Standards	HDMI 1.3, HDCP 1.2
	Maximum Pixel Clock	165MHz
	Maximum Data Rate	6.75Gbps
	Resolution Range	1920 x 1080@60Hz, 3Dsignal
	Connector	Female HDMI Type A
	Impedance	100Ω
Optical Fiber	Interface	SFP model-LC connector
	Fiber type	Single-mode Multi-model(optional)
	Wavelength	Single-mode 1310nm Multi-model Fiber:850nm(optional)
	Interface Bandwidth	10.2Gbps
	Transmission Distance	Single-mode fiber: standard 2km; maximum 10km OM3 Multi-mode fiber:<300m
General	Power Supply	The Power Adapter: DC 5V/2A
	Power Dissipation	MAX 5W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	93.5 x 71 x 25mm
	The Warranty	1 Year Free Warranty



Features

- Comply with ANSI/EIA, RS-310-D; IEC297-2; DIN41491: PART 1; DIN41491: PART 7; GB/T3047.2-92 standard, compatible with 19" international standard, metric system and ETSI standard
- Steel Construction
- Sliding rail design for easy access
- LC, ST, FC, SC & Adapter available

Optical Fiber Patch Panel FP series



Specifications

Model	FP series
Size	19", 1U
For Number of Coupler	Up to 24
Max Capacity	48 Cores
Color	Black
Dimension	

How to Order :

MODEL	FP-XXD-XX-X
No. Of Couplers	1-48
Adapter	D : Duplex
MODE	SM : Single Mode MM : Multi-mode
CONNECTOR	1) SC 2) LC 3) FC 4) ST
POLISH	A : APC P : PC U : UPC

Remember to State :

1) Number of Core(s) 2) Type of Coupler 3) Mode of fiber



Outdoor Slim Fiber Terminal Box FTMB-SLIM Series

Features

- Water-proof design for outdoor uses
- Ready for wall mount – installation kits provided
- Double-layer design for easier installation and maintenances
- Lower layer for splitters and over length fiber storage
- Upper layer for splicing, cross-connecting and fiber distribution
- Cable fixing units provided for fixing the outdoor optical cable
- Accommodates both cable glands as well as tie-wraps
- Lock provided for extra security



Model	FTMB-SLIM Series
For Number of Couplers	Up to 6
Max Capacity	6 cores SC / 12 cores LC
Working Temperature	-40°C~+85°C
Relative Humidity	<85% (+30°C)
Atmospheric Pressure	70Kpa~106Kpa
Insertion Loss	<0.2db
UPC Return Loss	>50db
APC Return Loss	>60db
Life of Insection and Extraction	>1000 times
Size	215 x 140 x 40 mm

How to Order :

MODEL	FTMB-SLIM-	XX	D	-XX-	XX	X
No. Of Couplers	Adapter	MODE	CONNECTOR	POLISH		
1-6	D : Duplex	SM : Single Mode MM : Multi-mode	1) SC 2) LC 3) FC 4) ST	A : APC P : PC U : UPC		

Remember to State :

1) Number of Core(s) 2) Type of Coupler 3) Mode of fiber



Features

- **Conductor:** 24 AWG, solid copper wires
- **Outer Jacket** Polyvinyl Chloride
- **Standard:**
ISO/IEC 11801, ANSI/TIA- 568-C2, UL444,
LSZH is available , Armour version available
- **Application:**
Data communications, Local area networks, Building
signaling systems
- ISO9001 Certified Manufacturing Plant
- **Length:** 100M / 305M

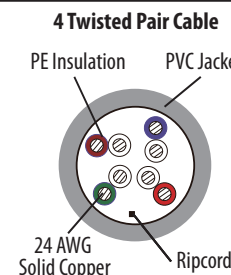
Cat5e U/UTP F/UTP Cable C5EUSG



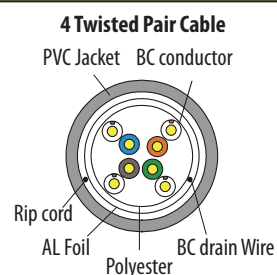
Specifications

General		
General	Operating Temperature Range	-20°C ~ 75°C
	Maximum pulling Tension	70N
	Minimum bending Radius	4D mm
	Nominal Mutual Capacitance@ 1KHz	5.1 nF / 100m
	Maximum Capacitance Unbalance	330 pF / 100m
	Maximum Delay @1Hz	570 ns / 100m
	Maximum Delay Skew	45 ns / 100m
	Maximum Conductor DC Resistance @20°C	9.38 Ω / 100m
	Maximum DCR Unbalance @20°C	5%
	Maximum Operating Voltage (VRMS)	≤ 80V
	Characteristics Impedance	100 Ω

Construction (UTP)



Construction (FTP)



Specification

Electric Performance	Frequency MHz	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)	ACR (dB)	Power Sum		
						NEXT (dB)	ELFEXT (dB/100m)	ACR (dB)
	1	2.0	65.3	20.0	63.3	63.3	63.8	61.3
	4	4.1	56.3	23.0	52.2	54.3	51.8	50.2
	8	5.8	51.8	24.5	46.0	49.8	45.7	44.0
	10	6.5	50.3	25.0	43.8	48.3	43.8	41.8
	16	8.3	47.2	25.0	39.0	45.2	39.7	37.0
	20	9.3	45.8	25.0	36.5	43.8	37.8	34.5
	25	10.4	44.3	24.3	33.9	42.3	35.8	31.9
	31.3	11.7	42.9	23.6	31.2	40.9	33.9	29.2
	62.5	17.0	38.4	21.5	21.4	36.4	27.9	19.4
	100	22.0	35.3	20.1	13.3	33.3	23.8	11.3

Pair Identification

Pair 1	Blue / White
Pair 2	Orange / White
Pair 3	Green / White
Pair 4	Brown / White



Cat6 U/UTP Cable C6USG

Features

- **Conductor:** 23 AWG, solid copper wires
- **Outer Jacket:** Polyvinyl chloride
- **Standard:**
ISO/IEC 11801, ANSI/TIA- 568-C2, UL444,
LSZH is available , Armour version available
- **Application :**
Data communications, Local area networks, Building
signaling systems
- **ISO9001 Certified Manufacturing Plant**
- **Length: 100M / 305M**

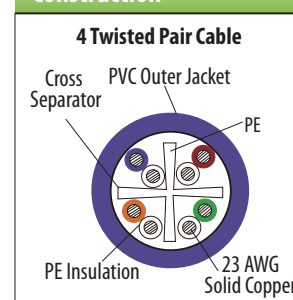


Specifications

General

General	Operating Temperature Range	-20°C ~ 50°C
	Maximum pulling Tension	70N
	Minimum bending Radius	4D mm
	Nominal Mutual Capacitance @1KHz	5.1 nF /100m
	Maximum Capacitance Unbalance	330 pF /100m
	Maximum Delay @1KHz	570 ns /100m
	Maximum Delay Skew	45 ns /100m
	Maximum Conductor DC Resistance @20°C	9.38 Ω /100m
	Maximum DCR Unbalance @20°C	5%
	Maximum Operating Voltage(VRMS)	≤ 80V
	Characteristics Impedance	100 Ω

Construction

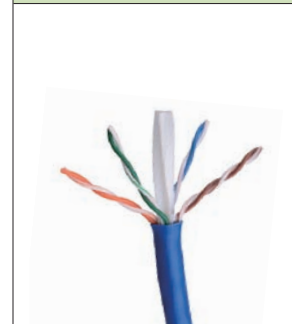


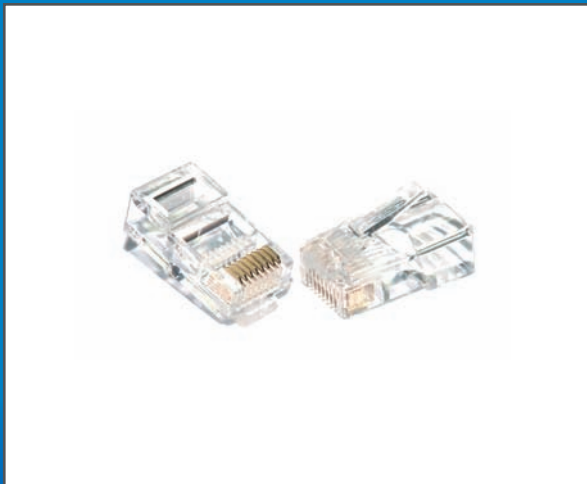
Specification

Electric Performance	Frequency MHz	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)	ACR (dB)	Power Sum		
						NEXT (dB)	ELFEXT (dB/100m)	ACR (dB)
	1	2.0	74.3	20.0	72.3	72.3	63.8	70.3
	4	3.8	65.3	23.0	61.5	63.3	51.8	59.5
	8	5.3	60.8	24.5	55.4	58.8	45.7	53.4
	10	6.0	59.3	25.0	53.4	57.3	43.8	51.4
	16	7.6	56.2	25.0	48.7	54.2	39.7	46.7
	20	8.5	54.8	25.0	46.3	52.8	37.8	44.3
	25	9.6	53.3	24.3	43.8	51.3	35.8	41.8
	31.3	10.7	51.9	23.6	41.2	49.9	33.9	39.2
	62.5	15.4	47.4	21.5	32.0	45.4	27.9	30.0
	100	19.8	44.3	20.1	24.5	42.3	23.8	22.5
	155	25.2	41.5	18.8	16.3	39.5	20.0	14.3
	200	29.0	39.8	18.0	10.8	37.8	17.8	8.8
	250	32.9	38.3	17.3	5.5	36.3	15.8	3.5

Pair Identification

Pair 1	Blue / White
Pair 2	Orange / White
Pair 3	Green / White
Pair 4	Brown / White





Cat5e/6 Modular Plug RJ45 / RJ45C6



Features

- **UL Applications:**
250 Volts AC Max. at 2 Amps
- **Housing:**
Polycarbonate, UL94V-0 or UL94V-2
- **Suitable for Standard & Solid wire 23AWG~26AWG**

Specifications

Model		RJ45	RJ45C6
Electrical	Applications	Cat5e	Cat6
	UL Applications	250 Volts AC Max. at 2 Amps	250 Volts AC Max. at 2 Amps
	Dielectric with Standing Voltage	500MΩ	500MΩ
	Insulation Resistance	20mΩ Max.	20mΩ Max.
	Operating Temperature	-20 to 75°C	-20 to 75°C
General	Contact Resistance	20 Pound Min.	20 Pound Min.
	Strain Relief	1200 Mating cycles	1200 Mating cycles
	Durability	Polycarbonate,	Polycarbonate,
	Housing	UL94V-0 or UL94V-2	UL94V-0 or UL94V-2
	Color	Transparent	Transparent
	Contact Blade	Copper Alloy	Copper Alloy
	Suitable Wire	Standard & Solid wire 23AWG~26AWG	Standard & Solid wire 23AWG~26AWG



KS_CAT5E

KS_CAT6

Features

- Accommodates 22~24 AWG solid
- High quality
- Easy to install

Cat5e/6 Keystone Jack

KS_CAT5E / KS_CAT6



Specifications

Model		KS_CAT5E	KS_CAT6
Material	Keystone Jack Housing	ABS UL94V-0	ABS UL94V-0
	Spring PIN	Phosphor bronze C5210-EH, T=0.35MM Plating nickel undercoat, Besides plating 50U" gold over the plated surface on contact area	Phosphor bronze C5210-EH, T=0.35MM Plating nickel undercoat, Besides plating 50U" gold over the plated surface on contact area
	IDC Housing	PC High-impact UL94V-0 thermoplastic	PC High-impact UL94V-0 thermoplastic
	IDC Terminals	Phosphor bronze, Tin over nickel undercoat	Phosphor bronze, Tin over nickel undercoat
Physical Characteristics	PCB	FR-4	FR-4
	Insertion Life	750 mating cycles with FCC Compliant 8P plug	750 mating cycles with FCC Compliant 8P plug
	Plug Retention Force	11 LBF min.	11 LBF min.
	Durability	200 termination cycles.	200 termination cycles.
	Contact Compatibility	23~26 AWG solid	23~26 AWG solid
	Operating Temperature Range	-10°C~60°C	-10°C~60°C
	Storage Temperature Range	-40°C~68°C	-40°C~68°C
	Humidity	10%~90% RH.	10%~90% RH.
Electrical	Insulation Resistance	500 mΩ	500 mΩ
	Dielectric with standing Voltage	1000V AC	1000V AC
	DC Current Rating	1.5 Amps .	1.5 Amps .
	DC Resistance	0.1Ω	0.1Ω
	Contact Resistance	20 mΩ	20 mΩ



Features

- *Easy to install*
- *Durable, reliable and flexible*
- *Cost effective*
- *High quality*

Cat5e/6 Patch Panel PPCAT524 / PPCAT624



Specifications

Model	PPCAT524	PPCAT624
Type	Cat5e	Cat6
Panel, Bracket	SPCC	SPCC
Jack Housing	PBT UL94V-0	PBT UL94V-0
Spring PIN	Phosphor Bronze C5210, t=0.3mm. Plating Scatterde gold over 60u" Nickel undercoat, besides Plating 50u" Gold over the plated surface on contact area	Phosphor Bronze C5210, t=0.3mm. Plating Scatterde gold over 60u" Nickel undercoat, besides Plating 50u" Gold over the plated surface on contact area
PIN Holder	PBT UL94V-0. PCB: FR-4 IDC Housing: PC UL94V-0	PBT UL94V-0. PCB: FR-4 IDC Housing: PC UL94V-0
IDC Contact	Phosphor Bronze C5191, t=0.4mm, 200u" Matte Tin over 100u" soft Nickel undercoat	Phosphor Bronze C5191, t=0.4mm, 200u" Matte Tin over 100u" soft Nickel undercoat
Insertion Life	750 mating cycles with FCC compliant RJ-45 plug	750 mating cycles with FCC compliant RJ-45 plug
Contact Force	100 grams with FCC compliant RJ-45 plug	100 grams with FCC compliant RJ-45 plug
Plug Retention Force	11 lbf min	11 lbf min
Line tool	110 & KRONE line tool	110 & KRONE line tool
Durability	200 termination cycles	200 termination cycles
Contact Compatibility	Accommodates 22 to 26 AWG solid/24 AWG stranded	Accommodates 22 to 26 AWG solid/24 AWG stranded
Operating Temperature Range	-10°C to 60°C	-10°C to 60°C
Storage Temperature Range	-40°C to 68°C	-40°C to 68°C
Humidity	10%~90%RH	10%~90%RH
Insulation Resistance	500 MΩ.	500 MΩ.
Dielectric with Standing Voltage	1000 V AC.	1000 V AC.
DC Current Rating	1.5 Amps .	1.5 Amps .
DC Resistance	0.1Ω.	0.1Ω.
Contact Resistance	20 mΩ.	20 mΩ.

* Keystone not inc.



Cat6 U/UTP Mini Patch Cord PC6_M Series

Features

- **Conductor: 28 AWG**
- **Standard:**
ISO/IEC 11801, ANSI/TIA- 568-C2
- **Applications :**
Data communications, Local area networks, Building signaling systems
- **ISO9001 Certified Manufacturing Plant**
- **Length: 0.15M / 0.3M / 0.6M / 1M / 1.5M / 2M / 3M / 5M / 8M / 10M / 12M / 15M**



General

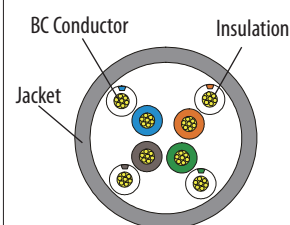
Conductor	<i>Material</i>	Stranded-Bare Copper	Sheath Physical Properties (Before Aging)	<i>Tensile Strength (Mpa)</i>	≥13.5
	<i>Nom. O.D. (mm)</i>	28AWG (7/0.12)		<i>Elongation (%)</i>	≥150
Insulation	<i>Material</i>	HDPE	Sheath Physical Properties (After Aging)	<i>Aging Period (°C x hrs)</i>	100°C x 24h x 7d
	<i>Diameter</i>	0.58±0.05 mm		<i>Tensile Strength (Mpa)</i>	≥12.5
Sheath	<i>Thickness</i>	0.55±0.05 mm	Electrical Characteristics (20°C)	<i>Elongation (%)</i>	≥125
	<i>External O.D. (Avg.)</i>	3.8±0.3mm		<i>Cold bend (-20±2°C x 4h)</i>	No visible cracks
	<i>Surface</i>	Clean, Frap, Satiation		<i>impedance (Ω)</i>	100±15
	<i>Material</i>	PVC (complies RoHS)		<i>Delay Skew (ns/100m)</i>	≤45
				<i>DC Resistance (Ω/100m)</i>	23.7

Specification

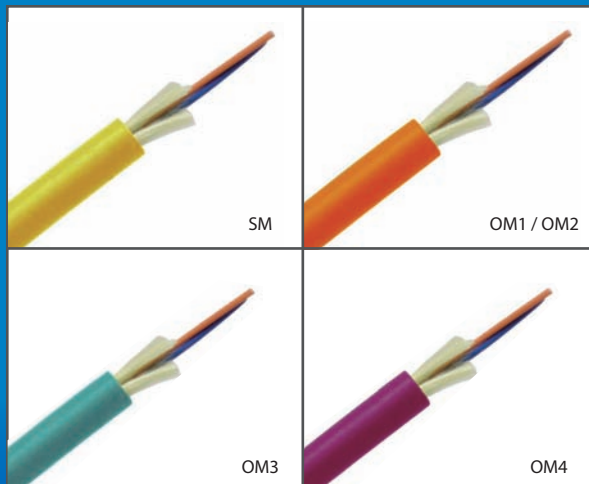
Electric Performance	Frequency MHz	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)	Delay (ns)	ELFEXT (dB)	Power Sum	
							Next (dB)	Delay (ns)
	1	1.9	65.0	19.1	521	64.2	62.0	61.2
	4	3.5	64.1	21.0	504	52.1	61.8	49.1
	8	5.0	59.4	21.0	500	46.1	57.0	43.1
	10	5.5	57.8	21.0	498	44.2	55.5	41.2
	16	7.0	54.6	20.0	496	40.1	52.2	37.1
	20	7.9	53.1	19.5	495	38.2	50.7	35.2
	25	8.9	51.5	19.0	495	36.2	49.1	33.2
	31.25	10.0	50.0	18.5	494	34.3	47.5	31.3
	62.5	14.4	45.1	16.0	492	28.3	42.7	25.3
	100	18.6	41.8	14.0	491	24.2	39.3	21.2
	200	27.4	36.9	11.0	490	18.2	34.3	15.2
	250	31.1	35.3	10.0	490	16.2	32.7	13.2

Pair Identification

Pair 1	Blue / White
Pair 2	Orange / White
Pair 3	Green / White
Pair 4	Brown / White



4 Twisted Pair Cable



Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48 & 96 cores
- Excellent mechanical and temperature performance
- Aramid yarn as strength member make cable have excellent tensile strength
- Excellent flexibility
- Easy to branch
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019, IEC60754-1:2019, IEC60793, IEC62321:2008, IEC62321-5, ITU-TG652

Indoor Fiber Cable EG Series



Specifications

Model		Single Mode	Multimode (OM3)	Multimode (OM4)
Fiber Type		G.652D / G.652A1 / G.652A2	50 / 125 μ m	50 / 125 μ m
Attenuation (+20°C)	@850nm	---	≤ 3.3 dB/km	≤ 2.3 dB/km
	@1300nm	---	≤ 1.2 dB/km	≤ 0.6 dB/km
	@1310nm	≤ 0.36 dB/km	---	---
	@1550nm	≤ 0.22 dB/km	---	---
Bandwidth	@850nm	---	≥ 500 Mhz.km	≥ 3500 Mhz.km
	@1300nm	---	≥ 500 Mhz.km	≥ 500 Mhz.km
Numerical Aperture		---	0.200 ± 0.015 NA	0.200 ± 0.015 NA
Cable Cut-off Wavelength (λ_{cc})		≤ 1260 nm	---	---
Non-Circularity of Core		$< 6\%$	$< 6\%$	$< 6\%$
Core / Cladding Dimension		9/125 μ m	50/125 μ m	50/125 μ m
Buffering Diameter		900 μ m ± 50 μ m	900 μ m ± 50 μ m	850 μ m ± 50 μ m
Fiber Coating Diameter		245 μ m ± 7 μ m	245 μ m ± 7 μ m	245 μ m ± 7 μ m
Tensile Strength Long / Short Term (N)		3/6	3/6	3/6
Crush Resistance Long / Short Term (N / 100mm)		100/500	100/500	100/500
Bending Radius Dynamics / Static (mm)		25/7.5	7.5	7.5
Coating Strip Force		≤ 13.3	≤ 13.3	≤ 13.3
Operation Temperature		-20°C ~ -60°C	-20°C ~ -60°C	-20°C ~ -60°C

How to Order :

MODEL	EG	XXX	X	X	-	XXX
NO. OF CORE	001-096	MODE	S : Single Mode OS2 M : Multi-mode OM3	JACKET	V : PVC Z : LSZH	REMARKS
						OM4 : Multi-mode OM4

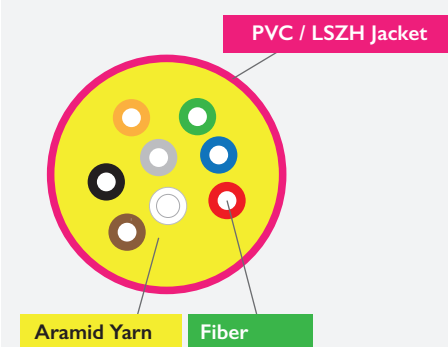
Example:

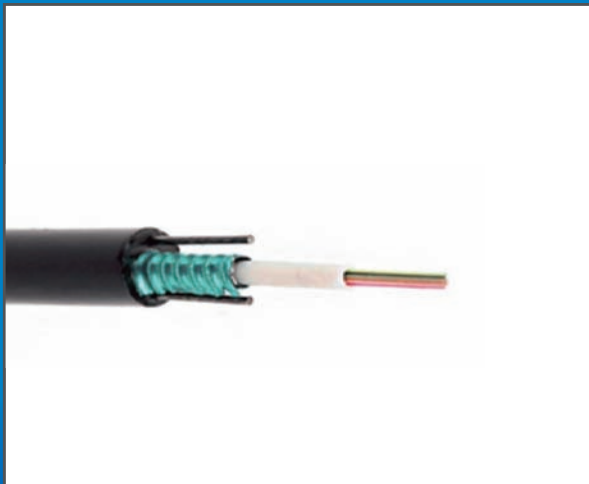
4-Core Single Mode Indoor LSZH Fiber Cable: **EG004SZ**

4-Core OM3 Multimode Indoor LSZH Fiber Cable: **EG004MZ**

8-Core OM4 Multimode Indoor PVC Fiber Cable: **EG008MV-OM4**

Cable Construction Diagram:





Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48,96,108,120,132,144 & 216 cores
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Crush resistance and flexibility
- PSP enhancing moisture-proof
- Two parallel steel wires ensure tensile strength
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019 & IEC60754-1:2019

Outdoor Fiber Cable EGYXTW Series



Specifications

Model		Single Mode	Multimode (OM3)	Multimode (OM4)
Fiber Type		G.652D / G.652A1 / G.652A2	50 / 125 μ m	50 / 125 μ m
Attenuation (+20°C)	@850nm	---	≤ 3.3 dB/km	≤ 2.3 dB/km
	@1300nm	---	≤ 1.2 dB/km	≤ 0.6 dB/km
	@1310nm	≤ 0.36 dB/km	---	---
	@1550nm	≤ 0.22 dB/km	---	---
Bandwidth	@850nm	---	≥ 500 Mhz.km	≥ 3500 Mhz.km
	@1300nm	---	≥ 500 Mhz.km	≥ 500 Mhz.km
Numerical Aperture		---	0.200 ± 0.015 NA	0.200 ± 0.015 NA
Cable Cut-off Wavelength (λ_{cc})		≤ 1260 nm	---	---
Non-Circularity of Core		$< 6\%$	$< 6\%$	$< 6\%$
Core / Cladding Dimension		9/125 μ m	50/125 μ m	50/125 μ m
Buffering Diameter		900 μ m ± 50 μ m	900 μ m ± 50 μ m	850 μ m ± 50 μ m
Fiber Coating Diameter		245 μ m ± 7 μ m	245 μ m ± 7 μ m	245 μ m ± 7 μ m
Tensile Strength Long / Short Term (N)		3/6	3/6	3/6
Crush Resistance Long / Short Term (N / 100mm)		100/500	100/500	100/500
Bending Radius Dynamics / Static (mm)		25/7.5	7.5	7.5
Coating Strip Force		≤ 13.3	≤ 13.3	≤ 13.3
Operation Temperature		-20°C ~ -60°C	-20°C ~ -60°C	-20°C ~ -60°C

How to Order :

MODEL	EGYXTW	XXX	X	X	-	XXX
NO. OF CORE	001-216	MODE	S : Single Mode M : Multi-mode OM3	JACKET	E : PE Z : LSZH	REMARKS
						OM4 : Multi-mode OM4

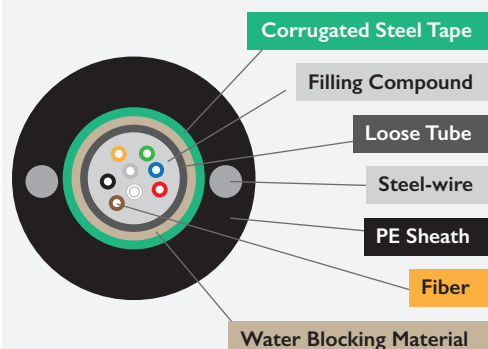
Example:

24-Core Single Mode Outdoor Fiber Cable with PE Jacket: **EGYXTW024SE**

24-Core OM3 Multimode Outdoor Fiber Cable with LSZH Jacket: **EGYXTW024MZ**

24-Core OM4 Multimode Outdoor Fiber Cable with PE Jacket: **EGYXTW024ME-OM4**

Cable Construction Diagram:





Fiber Patch Cord FPC Series

Features

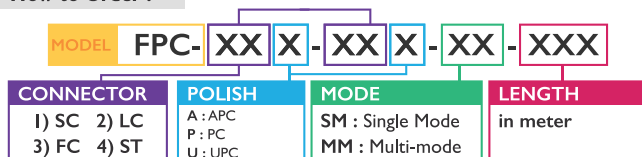
- Low insertion loss
- Good repeatability
- Application:
Fiber optic communication system, fiber optic CATV
fiber optic data transmission, LAN
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019,
IEC60754-1:2019, IEC60793, IEC62321:2008, IEC62321-5,
ITU-TG652



Specifications

Model	Single Mode			Multimode
Parameter	PC	UPC	APC	UPC
Operating Wavelength	1310nm, 1550nm			850nm, 1300nm
Insertion Loss	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB
Return Loss	>40dB	>50dB	>60dB	/
Fiber Type	G.652D/G.65A1/G.657A2			OM2/OM3/OM4
Exchange	≤0.2dB			
Repeatability	≤0.2dB			
Service Life	>1000 times			
Connectors Type	SC, LC, FC, ST			
Cable Type	Simplex/Duplex (Zip cord)			
Sheath Materials	PVC/LSZH			
Loose Sleeve	2.0mm/3.0mm			
Length	Customized			
Tensile Strength	>10kg			
Temperature Range	-40°C~85°C			

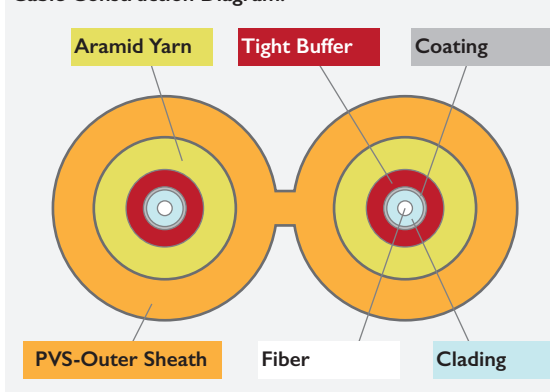
How to Order :



Remember to State :

1) Number of Core(s) 2) Type of Coupler 3) Mode of fiber

Cable Construction Diagram:





Fiber Pigtail FPT Series

Features

- Low insertion loss
- Good repeatability
- Application:
Fiber optic communication system, fiber optic CATV
fiber optic data transmission, LAN
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019,
IEC60754-1:2019, IEC60793, IEC62321:2008, IEC62321-5,
ITU-TG652



Specifications

Model	Single Mode			Multimode
Parameter	PC	UPC	APC	UPC
Operating Wavelength		1310nm, 1550nm		850nm, 1300nm
Insertion Loss	≤0.3dB	≤0.3dB	≤0.3dB	≤0.3dB
Return Loss	>40dB	>50dB	>60dB	/
Fiber Type	G.652D/G.65A1/G.657A2			OM2/OM3/OM4
Exchange	≤0.2dB			
Repeatability	≤0.2dB			
Service Life	>1000 times			
Connectors Type	SC, LC, FC, ST			
Cable Type	Simplex/Duplex (Zip cord)			
Sheath Materials	PVC/LSZH			
Loose Sleeve	2.0mm/3.0mm			
Length	Customized			
Tensile Strength	>10kg			
Temperature Range	-40°C~85°C			

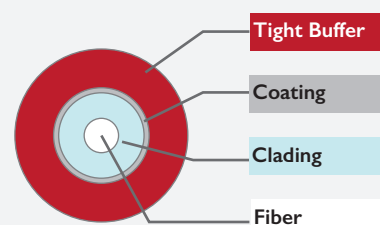
How to Order :

MODEL	FPT-XX-X-XX-IM
CONNECTOR	1) SC 2) LC 3) FC 4) ST
POLISH	A : APC P : PC U : UPC
MODE	SM : Single Mode MM : Multi-mode
LENGTH	in ONE meter

Remember to State :

1) Number of Core(s) 2) Type of Coupler 3) Mode of fiber

Cable Construction Diagram:





Features

- HSV-600 series OTDR is designed by Hong Kong Honserv Limited with U.S technology
- 7-inch, outdoor enhanced touch screen for you to get visual GUI
- Handy, lightweight, powerful, 12-hour autonomy unprecedented testing experience is very suitable for fiber optic test environment
- With outstanding optical performance, exquisite appearance, accurate and stable internal parameters, the first choice for fiber optic project companies

OTDR HSV-630

Specifications

Model	HSV-630
Wavelength (nm)	850 / 1300 / 1310 / 1550 (50um)
Wavelength Accuracy (nm)	±20
Dynamic (dB)	37 / 35 / 27 / 25
Event Dead Zone (m)	SM: ≤0.8m, MM: ≤0.8m
Atten. Dead Zone (m)	SM: ≤3m, MM: ≤5m
Pulse Width	3ns 5ns 10ns 20ns 50ns 100ns 200ns 500ns 1 ps 2ps 5ps 10ps 20ps
Distance Range	100m 400m 1.5km 3km 6km 12km 25km 50km 100km 200km 400km
Distance Accuracy (m)	0.5
Sampling Points	256000
Refractive Index Range	1.30000-1.70000
Distance Accuracy (dB/dB)	± (0.75m+0.001%×distance+sampling resolution)
Linearity (m)	0.03
Loss Threshold (dB)	0.01
Loss Resolution (dB)	0.001
Measurement Time	5s-5mins, real-time
Real-time Refresh (Hz)	4
Power Meter	Calibrated wavelength: 1310nm / 1550nm Working wavelength: 850nm / 980nm / 1300nm / 1310nm / 1490nm / 1610nm Dynamic: -70dB~+10dB, ±0.17dB accuracy
VFL	650nm ±10nm, 10mW
Stabilized Light Source	1310nm / 1490nm / 1550nm / 1625nm / 1650nm, -4dBm
Display	7 in (178 mm) outdoor-enhanced touch screen, 800x480TFT
Interface	USB 2.0 ports x2, RJ-45x1, LAN, 10/100 Mbit/s, MicroSDx1
Storage	8GB internal memory (80 000 OTDR traces), 8GB SD CARD (80 000 OTDR traces)
Battery Life	7.4v, 5300mAh lithium battery pack, 39.22Wh supports 12 hrs runtime (at max charge)
Power Consumption	<3W
Power Supply	Power supply AC/DC adapter, AC input 100-240V, 50-60Hz, DC out 12V, 1.5A
Applicable Environment	Operating temperature range: -10°C~+50°C, Relative humidity: -40°C~+70°C
Dimension / Weight	196x172x72mm (WxHxD) / <1.5kg (Including Battery)
Language	Chinese, English, Spanish, Russian, Italian, Portuguese
Outstanding optical performance index	  Abstract curve visualization Even dead zone ≤0.8m, Attenuation dead zone ≤4m



Features



TOP TECHNOLOGY FROM U.S.A

- Anti-theft
- 6 Motors Core Alignment
- 4.1 Inch color screen
- ID electrode
- 1 Sec booting
- Auto detect fiber mode

Fiber Fusion Splicer

C10



Specifications

Model	C10
Fiber Alignment	6 motors core alignment
Fiber Type	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), ZN/NZDS(ITU-T G.655), BI(ITU-T G.657)
Splice Mode	Single fiber
Fiber Diameter	Cladding diameter 80~150 μm, coating 100~1000 μm
Cleave Length	250 μm cladding diameter 8~16, over 250 μm cladding diameter 16mm
Splicing Programs	Max.100
Splicing Time	6 sec.[SM Fast] program, 10 sec.[SM G652] program
Heating Programs	Max.30
Heating Time	Typical 12 sec. (Adjustable)
Splice Protector	10~60mm
Splice Image Capture	Max.300
Splice Data Storage	Max.20000
Splice Loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04dB, BI:0.02dB
Return Loss	>>60dB
Loss Estimation	Provided
Operation Condition	Altitude 0~5000m, Humidity 0~95%, Temperature -20~+50°C, Wind velocity up to 15m/s
Storage Condition	Humidity 0~95%, Temperature -20~+50°C (Battery -20~+40°C)
Tension	1.96~2.25N
Fiber View	Two 300x camera observation, 4.1 inch high-light color screen
Fiber Magnification	300x for X or Y single axis view; n 200x for both X & Y dual axis view
Port	High speed USB
Electrodes Life	5000 arc discharges
Power Supply	AC100-240, 50/60Hz
Battery Parameters	8400mAh high capacity battery, more than 320 times splicing and heating
Size (DxWxH)	156x135x149mm
Weight	2.0kg (2.5kg with Battery)



Features



TOP TECHNOLOGY FROM U.S.A

- Anti-theft
- 4.1 Inch color screen
- ID electrodes
- Quick booting up

Fiber Fusion Splicer

A3



Specifications

Model	A3
Fiber Alignment	High Precision PAS alignment
Fiber Type	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), ZN/NZDS(ITU-T G.655), BI(ITU-T G.657)
Splice Mode	Single fiber
Fiber Diameter	Cladding diameter 80~150 μm, coating 100~1000μm
Cleave Length	250 μm cladding diameter 8~16, over 250 μm cladding diameter 16mm
Splicing Programs	Max.100
Splicing Time	5 sec.[SM Fast] program, 15 sec.[SM G652] program
Heating Programs	Max.30
Heating Time	Typical 15 sec. (Adjustable)
Splice Protector	10~60mm
Splice Image Capture	Max.300
Splice Data Storage	Max.20000
Splice Loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04dB, BI:0.02dB
Return Loss	>>60dB
Loss Estimation	Provided
Operation Condition	Altitude 0~5000m, Humidity 0~95%, Temperature -20~+50°C, Wind velocity up to 15m/s
Storage Condition	Humidity 0~95%, Temperature -20~+50°C (Battery -20~+40°C)
Tension	2N
Fiber View	Two 300x camera observation, 4.1 inch high-light color touch screen
Fiber Magnification	300x for X or Y single axis view; 150x for both X & Y dual axis view
Port	High speed USB
Electrodes Life	5000 arc discharges
Power Supply	AC100-240, 50/60Hz
Battery Parameters	4000mAh high capacity battery, more than 240 times splicing and heating, Full charge within 3 hours
Size (DxWxH)	136x135x136mm
Weight	1.5kg (1.8kg with Battery)



Features

- 7 inch touch screen, OSD menu
- Built-in WIFI, wireless network camera test
- Support 1080p HD camera
- Support ONVIF camera
- PoE DC48V power output, Max 24W
- HDMI output, 1920 x 1080 resolution
- Lithium ion polymer battery
- Auto off : 1-30 (mins)

CCTV Multi-Tester IPC-8600

Specifications

Model		IPC-8600F
General	Display	7 inch capacitive touch screen, resolution 1024 x 600
	Network port	10/100M auto adjust, RJ45
	WIFI	Built in WIFI, speeds 150M, allows you to connect to a wireless network and view IP cameras
	IP Camera Type	ONVIF, ONVIF PTZ, Dahua IPC-HFW2100P, Hikvision DS-2CD864-E13, Samsung SNZ-5200, Tiandy TD-NC9200S2, Kodak IPC120L, Honeywell HICC-2300T, RTSP Viewer
	Analog Video Test	1 channel BNC Input & 1 channel BNC Output, NTSC/PAL (Auto adapt)
	Video Level Meter	PEAK video signal level, SYNC signal level, COLOR BURST chroma level measurement for cvbs camera
	Zoom Image	Supports Analog and IP camera image zooming & movement
	Snapshot, Video record and playback	Capture current images and record live video as JPG file Media player will view photos and playback video
	HDMI output	1 channel HDMI output, supports up to 1080p
	Power output	Output DC12V/2A power to camera / USB: 5V 2A power output only, NO data / PoE: 48V Max power 24W
	Audio test	1 channel audio signal input and 1 channel audio signal output to connect headphones
	PTZ control	Support RS232/RS485 control, Baud 600-115200bps, Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, Lilin, Yaan, etc
	Color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable. (red, green, blue, white and black color)
	UTP Cable tester	Test UTP cable connection status and display on the screen. Read the number on the screen
	Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal
	Network test	IP address scan, link scan, and Ping test. Quickly search the for IP camera's IP address on your network
	Cable tracer	Find a connected cable from a bundle of cables using audio tones
	PoE /PSE voltage test	Measures PoE switch voltage and displays pin configuration
	Battery / Rechargeable	Built-in 7.4V Lithium polymer battery ,6500mAh / After charging 7~8 hours, normal working time 15 hours
Functions	Operation setting	Capacitive touch screen, OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian or Polish, etc
	Working Temperature	-10°C±50°C
	Working Humidity	30%-90%
	Dimension / Weight	231mm x 172mm x 52mm 1.26Kg
	SDI video signal test	1 channel SDI input (BNC interface) , resolution support : 720p 60fps / 1080p 30fps / 1080i 60fps
	CVI video signal test	1 channel CVI input (BNC interface) , resolution support 720p 25,30,50,60fps/ 1080p 25,30fps
	TVI video signal test	1 channel TVI input (BNC interface) , resolution support 720p 25,30,50,60fps/ 1080p 25,30fps
	AHD video signal test	1 channel AHD input (BNC interface) , resolution support 720p 25,30fps / 1080p 25,30fps
	Digital Multi-meter	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing . Testing speed: 3 times/ seconds, Data range -6600 ~+6600
	Optical power meter	Calibrated Wavelength(nm) :850/1300/1310/1490/1550/1625nm, Power range(dBm) :-70 ~+10dBm
	Visual fault locator	Test fiber's bending and breakage (SM and MM fiber)
	TDR cable test	Cable's open circuit (Breakpoint) and short circuit measurement (BNC cable, telephone cable)

ACCESSORIES

Miscellaneous



Features

- Easy to install
- Cost effective
- High quality

Optical Accessories

Specifications

Single Mode (SC) Coupler



Coupler: UPC/SX, UPC/DX
Insertion loss: 0.2dB

Single Mode (LC) Coupler



Coupler: UPC/DX, UPC/QX
Insertion loss: 0.2dB

FC Coupler



Coupler: UPC/SX
Insertion loss: 0.2dB

Single Mode APC (SC) Coupler



Coupler: UPC/SX, UPC/DX
Insertion loss: 0.2dB

Multimode (LC) Coupler



Coupler: UPC/DX, UPC/QX
Insertion loss: 0.2dB

Fusion Splice Protection Sleeve



60mm, Steel core Ø1.0mm
40mm, Steel core Ø1.0mm
25mm, Steel core Ø1.0mm

Alcohol Pump Dispenser Bottle



Material: Plastic
200mL

Drop Cable Stripper



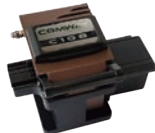
For 3.1 x 2.0mm indoor fiber optic
drop cable stripping

High Precision Tri-Hole Stripper



Model: CS-02-B
Size: 62mm
Weight: 106g
Available for: 125µm, 250µm,
900µm

COMWAY High Precision Fiber Cleaver



Model: C108
Applicable fibers: Single mode or Multimode
Provides approximately 48,000 cleaves
24 Position Rotatable and Replicable Blade
Dimensions: 62 x 60 x 60mm

Visual Fault Locator



Model: FLL-01
Laser safety rating: Class III A
Wavelength: 650nm ± 20nm
Output power: 1mW
Distance: <5km

Fiber Cassette



Applicable fibers: Single mode or Multimode
Ports: 24 Ports

Optical Fiber Meter



Model: FOPM-850/1625
Applicable fibers: Single mode or Multimode
Working wavelength: 850-1625nm
Connector: FC / SC
Size: 190 x 100 x 48mm



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