

Genius Patch Cords and Pigtails

Features



Characteristics

- Connection between or within frames connection between frames and devices
- Standard simplex/duplex LC connector customized SC/FC etc.
- Factory pre-termination, 100% tested to ensure the transmission performance
- Rapid configuration, reduce installation time
- Rapid upgrading, support parallel transmission
- Loose tube structure, OFNR, OFNP and LSZH materials are available for outer sheath

Description

Genius Network provides complete varieties of optical fiber connector according to customer's requirements, from single core connector to high-density multi-fiber connector.

Complied Standards

- Comply with IEC 61754 series
- Telcodia GR-326-CORE Issue 4 standards.
- Fire resistance comply with low smoking (IEC 61304)
- Halogen free (IEC 60754-1)
- Flame retardant (IEC 60332-3C)
- Corrosion proof (IEC 60754-2)

Genius Patch Cords and Pigtails

Specifications

Mechanical Performance

Fibre Count	Bending Radius(mm)		Temperature(°C)			Package
	Static	Dynamic	Operation	Installation	Storage	
1	10D	20D	-40~+75	-5~+50	-40~+75	PE bag
2	10D	20D	-40~+75	-5~+50	-40~+75	PE bag

Connector Performance

Connector Type	IL(dB)	500 times Durability Δ IL(dB)	Temperature Cycling Δ IL(dB)
LC/SC /FC/ST MM	≤ 0.30	≤ 0.20	≤ 0.20
LC/SC/FC/ST SM	≤ 0.30	≤ 0.20	≤ 0.20

Cable Performance

Fibre Type	Core/Cladding Dia. (μ m)	Bandwidth (MHz·km)	wavelength(nm)	Max. Attenuation (dB/km)
G657A2	9/125	NA	1310/1550	0.36/0.22
BI OM3	50/125	2000	850/1300	3.0/1.0
BI OM4	50/125	4700	850/1300	3.0/1.0

Genius Patch Cords and Pigtails

Ordering Information

Duplex Patch Cords

Number	Description
GFS2PDLCDPCLZ01	Genius Fiber patch cord Single Mode LC-LC LSZH PC 1 mtr
GFS2PDLCDPCLZ02	Genius Fiber patch cord Single Mode LC-LC LSZH PC 2 mtr
GFS2PDLCDPCLZ03	Genius Fiber patch cord Single Mode LC-LC LSZH PC 3 mtr
GFS2PDLSCPCLZ01	Genius Fiber patch cord Single Mode LC-SC LSZH PC 1 mtr
GFS2PDLSCPCLZ02	Genius Fiber patch cord Single Mode LC-SC LSZH PC 2 mtr
GFS2PDLSCPCLZ03	Genius Fiber patch cord Single Mode LC-SC LSZH PC 3 mtr
GFS2PDSCDPCLZ01	Genius Fiber patch cord Single Mode SC-SC LSZH PC 1 mtr
GFS2PDSCDPCLZ02	Genius Fiber patch cord Single Mode SC-SC LSZH PC 2 mtr
GFS2PDSCDPCLZ03	Genius Fiber patch cord Single Mode SC-SC LSZH PC 3 mtr
GFM4PDLCDPCLZ01	Genius Fiber patch cord OM4 LC-LC LSZH PC 1 mtr
GFM4PDLCDPCLZ02	Genius Fiber patch cord OM4 LC-LC LSZH PC 2 mtr
GFM4PDLCDPCLZ03	Genius Fiber patch cord OM4 LC-LC LSZH PC 3 mtr
GFM4PDLSCPCLZ01	Genius Fiber patch cord OM4 LC-SC LSZH PC 1 mtr
GFM4PDLSCPCLZ02	Genius Fiber patch cord OM4 LC-SC LSZH PC 2 mtr

GFM4PDLSCPCLZ03	Genius Fiber patch cord OM4 LC-SC LSZH PC 3 mtr
GFM4PDSCDPCLZ01	Genius Fiber patch cord OM4 SC-SC LSZH PC 1 mtr
GFM4PDSCDPCLZ02	Genius Fiber patch cord OM4 SC-SC LSZH PC 2 mtr
GFM4PDSCDPCLZ03	Genius Fiber patch cord OM4 SC-SC LSZH PC 3 mtr

Pigtails

Number	Description
GFS2PGLCPCLZ01	Genius Fiber Pigtails Single Mode LSZH LC 1mtr
GFS2PGSCPCLZ01	Genius Fiber Pigtails Single Mode LSZH SC 1mtr
GFM4PGLCPCLZ01	Genius Fiber Pigtails OM4 LSZH LC 1mtr
GFM4PGLCPCLZ01	Genius Fiber Pigtails OM4 LSZH SC 1mtr

Remark:

2 last positions XX are for cord length.

For example LC, Duplex Patch Cord, LSZH: GFS2PDLCDPCLZ01 for 1 meter GFS2PDLCDPCLZ10 for 10 meters

