

OPTIC FIBER MULTI MODE PATCH CORD DATA SHEET



Pixel fiber patch cords provide superior connections from work station to the patch panel.

Pixel offers simplex and duplex patch cords in a variety of connectors and cables configurations with low insertion loss.

Pixel gives a full line of fiber optic patch chords for a comprehensive range of optical network applications.

All patch cords feature highest quality components to provide industry leading performance and reliability.

Pixel patch cords 100% verified for loss & available with zip cord or simplex 62.5/125, 50/125MM (OM1 & OM2) patch cables.

We offer ST style, SC style, MT-RJ, FC or LC Connector type & all patch cords are 100% optically tested for better performance.

FEATURES

- Good geometry characteristics of apex offset and radius of curvature & fiber height.
- Compact and strong crimping offers exceptional tensile strength in cable assemblies.
- 100% insertion loss inspected for optical characteristics & fiber end face finish.
- Fiber made from glass and insulated with PVC Jacket & two connectors on each end.
- Fiber optic distributed (FDDI) rated & OFNR (riser rated)
- Adopts high precision ceramic ferrule with good concentricity.
- Low insulation loss & return loss, clean and scratch-free end faces.
- Good performance endurance under circumstances changing & wide temperature operating range.
- Bend insensitive fiber & UPC and APC polishes optical fiber.

BENEFITS

- High performance and superior durability.
- Optional puling tab for easy access to connectors in high density environments.
- Low light loss in tight bend radius (7.5mm) & industries intermateability.
- Low back reflection & insertion loss and verified optical performances.
- Corrosion resistance and environmental satiability.
- Accepted for a variety of applications and consistently mating.
- Ultra-Low loss and low profile housing design & small size high density applications.

APPLICATIONS

- Intra-Back bone LAN cross connects.
- Telecommunication systems.
- Local and wide area networks.
- Data transmissions systems.
- Single and video systems.
- Process controls systems.
- Remote optical communication systems.

SPECIFICATIONS

Range of Mode	Multi mode
Cable Type	Simplex or Duplex Zip cord
Connector Style	LC, SC, FC, ST, MT-RJ.
Polish or Ferrule Interface Type	PC, UPC, APC
Cable Diameter	2.0 mm/3.0mm (62.5/125 , 50/125)
Lengths	Standard & Custom Lengths
Strength Member	Aramid Yarn
Outer Jacket	LSZH
Cable Assembly Length (<15 meter Tolerance)	-0/+100mm
Cable Assembly Length (>15 meter Tolerance)	-0/+10%
Jacket Color (Multi Mode: OM1 & OM2)	Orange
Durability	500 cycles(0.2 dB max increase), 1000mate/demate cycles
Operating Temp.	-20 °C to +70°C
Storage Temp.	-40 °C to +85°C
Ferrule Concentricity	< 1µm, Other Ferrule Concentricity < 1µm