

OPTIC FIBER 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 9/125 patch cables.

We offer ST style, SC style, 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	Single mode
Cable Type	Simplex or Duplex Zip cord
Connector Style	LC ,SC,FC,ST.
Polish or Ferrule Interface Type	PC, UPC, APC
Cable Diameter	2.0 mm/3.0mm (9/125)
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 (Single Mode: OS1 & OS2)	Yellow
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