

Uniboot Fiber Patch Cord

Polarity Change & Push Pull – Single Mode



Genius Uniboot LC to LC Fiber Patch Cord is designed for high-density network environments with optimized cable management. The compact uniboot design combines two fibers into a single jacket, reducing cable congestion and improving airflow. Precision-engineered ferrules ensure low insertion loss and high return loss for reliable data transmission. Available in single-mode and multi-mode options, ideal for data centres, telecom, and enterprise networks

Key Feature

- Compact Uniboot design reduces cable congestion in high-density racks
- Dual fiber in single jacket improves airflow and cable management
- Reversible polarity (A/B) without re-terminating connectors
- Push Pull Option for easy unplug the connectors
- Low insertion loss with high precision zirconia ferrules
- 100% factory tested for optical performance and reliability
- LSZH jacket for enhanced fire safety and low smoke emission
- High return loss performance suitable for 10G/25G/40G/100G networks
- RoHS Compliant
- Genius Network Brand Performance warranty for 25 years

Product Specification

Fiber Type	Single Mode, G657A1
Cable Type	2F Single Tube
Cable Diameter	2 mm
Jacket Material	LSZH
Jacket Color	Yellow
Connector Type	LC Uniboot - Push Pull & Polarity Change
Connector Color	Blue
Boot Color	White

Optical Specification

Testing Wavelength	1310 nm & 1550 nm
Insertion Loss	≤0.30 dB
Return Loss	≥ 55 dB

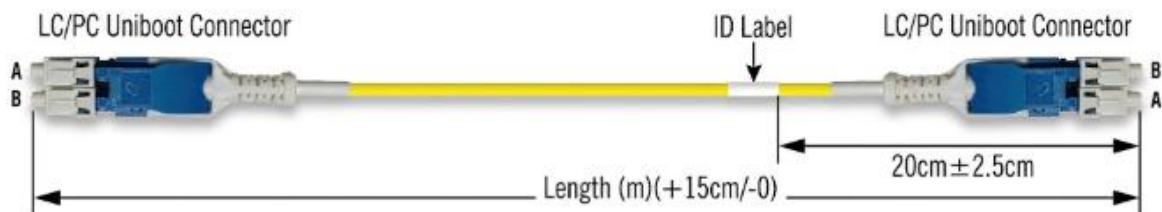
Environmental Specification

Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +85°C
Installation Temperature	-20°C to +70°C

Standards, Compliances & Certifications

- RoHS Compliant
- Compliance with IEC 61300-3-4 for Insertion loss
- Compliance with IEC 61300-3-6 for Return loss
- Compliance with Flammability Test - IEC 60332-1, IEC 60332-3C
- Compliance with Halogen Free - IEC 60754-1
- Compliance with Corrosion Proof - IEC 60754-2
- Compliance with Smoke Density Test - IEC 61034
- Compliance with Minimum concentration of oxygen - ASTM D2863

Technical Diagram



Note: Image shown is for dimensional reference only; actual product may vary

Ordering Information

Part Number	Product Description
GFS2PULCDPCLZ01	Genius LC Uniboot Polarity Change and Push Pull SM OS2 patch cord 1meter
GFS2PULCDPCLZ02	Genius LC Uniboot Polarity Change and Push Pull SM OS2 patch cord 2 meter

Note – Last 2 Digit of the part number indicate length of the patch cord