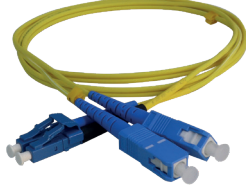


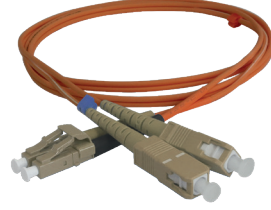
SC/ LC PATCH CORD SERIES



1 SC-LC-SM



2 SC-LC-MM-OM2



3 SC-LC-MM-OM3



4 SC-LC-MM-OM4



5 LC/UPC - SC/APC



FEATURES

ERAT Cable Fiber Optic Patch Cord Series consists of Single (Simplex) and Double (Duplex) cables terminated at both ends with high-performance fiber optic connectors. The products are offered with LC/UPC and SC/APC connector options, and can be manufactured with desired connector types upon request.

Singlemode OS2 (9/125) and Multimode OM2, OM3, OM4 (50/125) and 62.5/125 fiber options can be produced in the desired lengths using. The products are offered in Single (Simplex), Double (Duplex), Tight Buffer (MTD) and Breakout (BRK) cable structures with different outer sheath and color options.

ERAT Cable Fiber Optic Patch Cord Series is manufactured in accordance with ANSI/TIA-568.3-D and IEC 61754 Standards and provides high-performance and reliable fiber optic connections.

**** Backed by a 25-year system performance warranty when installed as part of a complete ERAT structured cabling system.**



SC/ LC PATCH CORD SERIES



APPLICATIONS, ORDERING INFORMATION, STANDARDS

Areas of Use	• CATV, Metro, and LAN networks • FTTH, GPON, WDM, DWDM, and PON networks • Data centers • Telecommunication networks • Industrial, healthcare, and military applications • Fiber optic interconnections, patch panels, and distribution points • Optical Distribution Frame (ODF) connections • Fiber-to-the-Desk (FTTD) applications • Connections for active devices with fiber optic ports (e.g., switches, media converters)
Order Options	• Simplex (SX) or Duplex (DX) optical fiber configuration • Cable diameters: 2.0 mm and 3.0 mm • Custom packaging and barcode labeling available upon request • Manufactured in custom lengths using Singlemode (OS1, OS2) and Multimode (OM1, OM2, OM3, OM4) optical fibers with LSZH or PVC outer jackets
Standards	• SM: G652D, G657A2/B3, G655 • ANSI/TIA-568-C.3 • TIA/EIA 492 CAAA • IEC 60874 • SC IEC 61754-4 • LC IEC 61754-20 • IEC 60793-2

PARAMETERS

Unit	Model	PC	UPC	APC
Connector Loss	SM	≤0.25dB	≤0.20dB	≤0.15dB
	MM	≤0.30dB	≤0.20dB	≤0.30dB
Return Loss	SM	≥45dB	≥55dB	≥65dB
	MM	≥35dB	≥35dB	≥35dB
Operating Temperature	-40 °C ile +75 °C			
Durability	≤0.1 dB (≤0.2 dB typical change), 500 mating cycles			
Accessible Wavelength	MM - λ=850-1300 nm, SM - λ= 1310 & 1550 nm			
Structural Member	Aramid			

