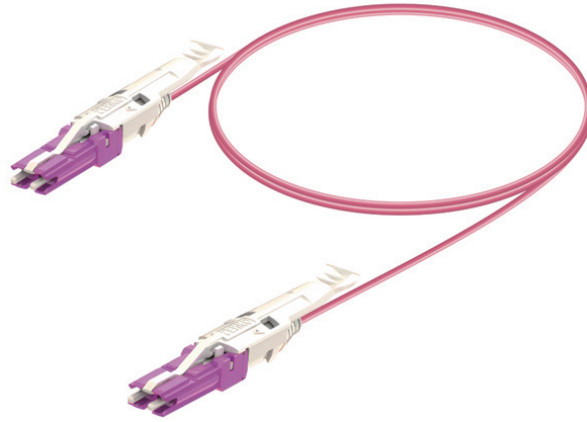


CS[®] Patch Cords



Description

The CS[®] connector is a compact duplex fiber optic connector designed for high-density optical connectivity. It delivers reliable optical performance while enabling increased port density in modern network equipment.

The standard CS[®] connector supports termination with 2.0 mm or 3.0 mm round cables and features an integrated push-pull boot for easy insertion and removal in high-density patch panels.

Features

- Compact VSFF duplex connector
- Dual 1.25 mm ceramic ferrule design
- Compatible with QSFP-DD, OSFP and SFP-DD interfaces
- Integrated push-pull boot for high-density patching environments
- Pre-assembled structure for simplified termination

Standards Compliance

- TIA-568.3-D
- IEC 61754 Series
- IEC 61753-1
- Telcordia GR-326-CORE
- RoHS Compliant

General Specification

Constructions	Descriptions
Fiber Count	2 Fibers
Fiber Mode	Single-mode: G.652/G.657 (9/125 μm)
	Multimode: OM1/OM2/OM3/OM4
Cable Jacket Material	Low Smoke Zero Halogen (LSZH)
	PVC
Cable Jacket Ratings	Riser (OFNR)
	Plenum (OFNP)
Cable Jacket Color	G.652/G.657: Yellow and others
	OM1/OM2: Orange
	OM3: Aqua
	OM4: Aqua/Magenta
	Customized
Polarity	Type A, Type B (TIA-568.3-D)
Endface Polish	PC/UPC/APC
Operation Temperature	-10 °C to + 60 °C
Storage Temperature	-40 °C to + 85 °C

Technical Specification

Optical Properties	Single mode	Multimode
Insertion Loss (dB)	Low Loss ≤ 0.15 (Typical ≤ 0.08)	Low Loss ≤ 0.15 (Typical ≤ 0.08)
	Standard Loss UPC ≤ 0.20 (Typical ≤ 0.12)	Standard Loss UPC ≤ 0.20 (Typical ≤ 0.12)
	Standard Loss APC ≤ 0.30 (Typical ≤ 0.15)	-
Return Loss (dB)	UPC ≥ 50 ; APC ≥ 65	UPC ≥ 25
Wavelength (nm)	1310/1550	850/1300
Durability	≤ 0.2 dB Typical Change, 500 matings	

Cable Structure

