

Key Features

- Ideal for outside cabling application
- Armored steel tape for rodent resistance
- Pressure resistance
- Fully water-blocked
- Moisture blocking loose tubes
- Fiber 2 core
- Easy Operation, reliable and cost-effective

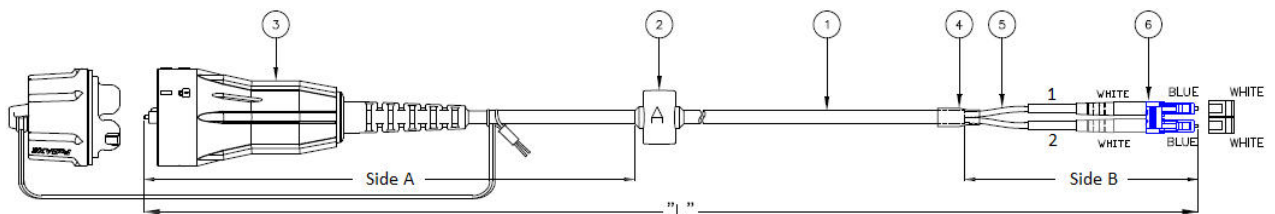
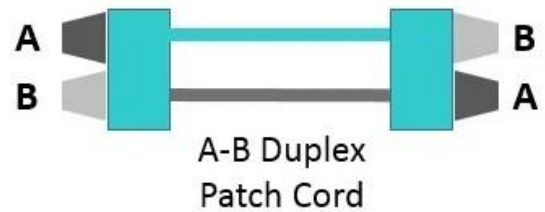
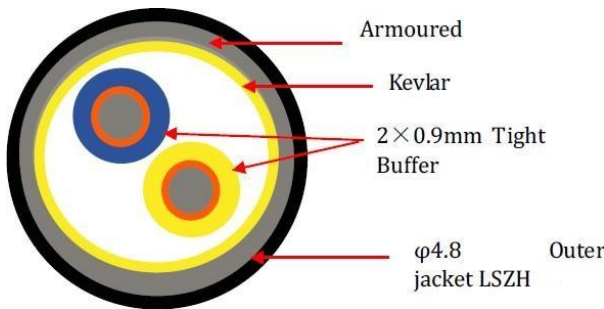
This is armored fiber optic patch cord with 2 fibers, which is designed ideal for CPRI cabling system.



Applications

- FTTA & FTTH
- Base station, BTS installation, BBU to RRU
- Indoor/outdoor building cabling
- Harsh environments application
- Long haul networking
- Direct burial and aerial lashing

Structure



Item	Specifications
Connector A (RRU/AAU side)	Fullaxs IP67, Duplex LC/UPC
Connector B (DU side)	Duplex LC/UPC, IEC 61754 standards
Cable length	Optional
Fan out connector length Side B (DU side)	200mm Armoured Tube used for reinforcement
Fiber amount	2 cores
Fiber waterproof	Protection Level IP67 standard

Fiber type	Single mode 9/125±0.8μm, 1260 - 1650 nm ITU G.657 A2 / IEC60793-2-50 B6_a2 Coating Diameter 235 - 265 μm
Concentricity Error Core/ Cladding	≤ 0.5 μm
Concentricity Error Cladding/Coating	≤ 12.0 μm
Optical Cable Attenuation at 1310nm	0.4dB/km
Optical Cable Attenuation at 1550nm	0.25dB/km
Chromatic Dispersion, 1310 nm	≤ 3.5 ps/nm.km
Chromatic Dispersion, 1550 nm	≤ 18 ps/nm.km
Polarization Mode Dispersion	≤ 0.2 ps/√km
Zero Dispersion Wavelength λ ₀	1300 - 1324 nm
Zero Dispersion Slope S ₀ at λ ₀	≤ 0.092 ps/nm ² .km
Wavelength	1310nm/1550nm
IL/Connector	≤0.3dB
Return Loss/Connector	≥50dB
Bending loss, 1550 nm, R = 7.5 mm, 1 turn	≤ 0.5 dB
Bending loss, 1550 nm, R = 10 mm, 1 turn	≤ 0.1 dB
Bending loss, 1550 nm, R = 15 mm, 10 turn	≤ 0.03 dB
Operation Temperature Range	-40~+ 85 °C , Withstand outdoor working conditions, good UV resistance, Compliance with IEC 60794-1-2 standard
Storage temperature	-40°C ~ +85°C
Tensile strength	≥300N
Pulling	<ul style="list-style-type: none"> - The variable optical loss ≤ 0.2 dB when <ul style="list-style-type: none"> - Pulling force on the RRU side RRUEnd (FullAXS-LC Connector) ≥ 5N for 60s - Pulling force on the BBU side BBUEnd (LC Connector) ≥ 50N for 120s
Torsion	<ul style="list-style-type: none"> - The variable optical loss ≤ 0.2 dB when <ul style="list-style-type: none"> - Pulling force on the RRU side RRUEnd (FullAXS-LC Connector) ≥ 5N, 25 Cycles ±180° - Pulling force on the BBU side BBUEnd (LC Connector) ≥ 15N với 25 Cycles ±180°

Compression Force	5 - 7 N (IEC 61300-3-22)
Mechanical life	≥ 500 cycles
Bending radius	180mm minimum
Crush Resistance	3000 N
Outer sheath	LSZH outer layer, Armored cover, kevlar reinforcement, All-weather and UV-resistant ISO 4892-3
Water Penetration	Pass, IEC 60794-1-2 F5B
Vertical Flame Spread	Pass, IEC 60332-3-24
Cable sheath color	Black
Cable OD	4.8mm +/-0.2mm
Part Number	CPRISM-AxxER (xx: Length of CPRI cable)
Label	The cable body specifies the type, parameters, manufacturer, length, etc
Inflamingretarding	IEC 60332-3