



Data-Sheet

FTTA Optical Fiber Patch Cable

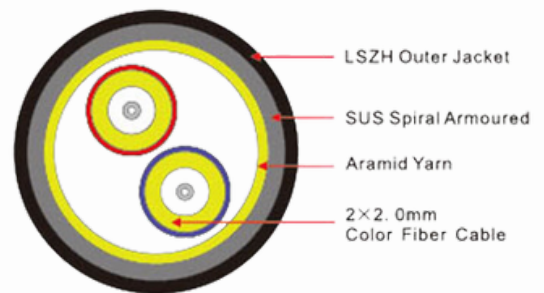
Fiber to the Antenna Optical Patch Cables

JTOPTICS Outdoor Cable Assembly-Waterproof Series Designed for harsh environment, our outdoor FTTA Patch Cord is made of waterproof housing, which fulfills IP67/IP68 environmental sealing requirements. LC UPC duplex connectors, the cable features superior crush resistance and a high degree of flexibility with the armored tube. Furthermore, the cable features a flame retardant LSZH jacket which is UV stabilized and highly resistant to chemicals commonly found in industrial environments, also suitable for both indoor and outdoor industrial installations.



As 5G becomes increasingly present in our lives, the fiber between the radio units and baseband units will see an increase in traffic, which raises higher requirements for today's fiber bandwidth. CPRI and eCPRI are likely to play a prominent role in 5G networks to solve such types of problems. eCPRI is more suitable than CPRI in 5G fronthaul.

- Enhanced optical performance to meet telecom requirement
- Cable with IEC 60332-3-24 fire performance
- IEC, EIA/TIA and Telcordia compliant
- RoHS, REACH and SvHC compliant
- High-quality connectors and Zirconia Ceramic Ferrule
- Low insertion Loss and High Return Loss
- IP67/IP68 water and dust protection
- It complies with IEEE 802.1 CM standard
- Flexibility with small bending radius and excellent cable routing properties



7.0mm SUS Spiral Armoured





Name	E-CPRI Outdoor Single Mode Aromored wtareproof Cable Assembly	NSN Boot Outdoor Single Mode waterproof Aromored Cable Assembly	PDLC Outdoor Single Mode waterproof Aromored Cable Assembly	IPFX Outdoor Single Mode waterproof Aromored Cable Assembly
Partc Code	JTPCLCPLCPOS2DXODXXPECP	JTPCLCPLCPOS2DXODXXPNS	JTPCLCPLCPOS2DXODXXPPD	JTPCLCPLCPOS2DXODXXPIP
Connector A	LC - LC	LC - LC	LC - LC	LC - LC
Polish	UPC - UPC	UPC - UPC	UPC - UPC	UPC - UPC
IP	IP 68	IP 67	IP 67	IP 67
Insertion Loss	≤0.25dB	≤0.25dB	≤0.25dB	≤0.25dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB
Wavelength	1310/1550nm	1310/1550nm	1310/1550nm	1310/1550nm
Fiber Grade	Single Mode	Single Mode	Single Mode	Single Mode
Fiber Count	Duplex	Duplex	Duplex	Duplex
Jacket Material	Armored LSZH	Armored LSZH	Armored LSZH	Armored LSZH
Jacket Color	Black	Black	Black	Black
Cable OD	7.0mm	6.0mm	6.0mm	6.0mm
Strength Member	Aramid	Aramid	Aramid	Aramid
Polarity	A(Tx) to B(Rx)	A(Tx) to B(Rx)	A(Tx) to B(Rx)	A(Tx) to B(Rx)
Tensile Loads	100~132 lbs	100~132 lbs	100~132 lbs	100~132 lbs
minimum allowable Crush Load (N/100mm)	Long term 500 short term:1000	Long term 500 short term:1000	Long term 500 short term:1000	Long term 500 short term:1000
Crush Resistance(N/100mm)	Long term 3000 short term:5000	Long term 3000 short term:5000	Long term 3000 short term:5000	Long term 3000 short term:5000
Minimum Bend Radius	10D (installed) - 20D (loaded)	10D (installed) - 20D (loaded)	10D (installed) - 20D (loaded)	10D (installed) - 20D (loaded)
Fiber Type	9/125µm, SM G657a	9/125µm, SM G657a	9/125µm, SM G657a	9/125µm, SM G657a
Operating Temp Range	-45~85°C	-45~85°C	-45~85°C	-45~85°C
Applications	Fiber to the Antenna	Fiber to the Antenna	Fiber to the Antenna	Fiber to the Antenna

About JT

In the dynamic realm of technology and innovation, the emergence of **Jayani Technologies Limited** has been nothing short of a saga marked by ingenuity, resilience, and a steadfast commitment to excellence. Originating as Jayani Technologies LLP in 2011 in the vibrant city of Mumbai, India, the company has evolved into a trailblazer in its domain. This narrative unfolds against the backdrop of the company's expansion into Hong Kong, a strategic move signaling its intent to conquer new horizons.

Established in 2011, Jayani Technologies (**JTOPTICS**[®]) was conceived as a response to the evolving technological landscape, recognizing the need for cutting-edge solutions that marry innovation with reliability. The Mumbai headquarters became the crucible for the company's early endeavor, a melting pot of talent and vision that propelled Jayani Technologies into the forefront of its industry and emerged as a leading manufacturer and supplier of cutting-edge solutions in the fields of optical Fiber, data center, networking, and electric vehicle components.

From its inception, the company distinguished itself by its unwavering commitment to client satisfaction, a commitment that became the cornerstone of its success. Jayani Technologies quickly became synonymous with technological prowess and an unwavering dedication to delivering solutions that transcended conventional boundaries.

JTOPTICS[®] has developed and produced many active and passive interconnection and connectivity products suitable for different networks, aiming to become a one-stop device integration solution provider in the open optical network field, products include MPO Cables, AOC cable, passive DAC cable, optical transceivers, optical modules & subsystems, active & passive optical components, and high-density cabling products.

Vision

Our vision is to be recognized by clients as trustful a trusted business partner whose mission is to help our clients by offering state-of-the-art products and services.

Mission

Our mission is to catalyze the success of its clients by providing unparalleled technological solutions. The company envisions itself as a catalyst for positive change, aiming to reshape industries through innovation, integrity, and a relentless pursuit of excellence.



Our Clients

ciena

ADVA[™]
Optical Networking

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