

INDOOR/OUTDOOR FTTA CPRI FIBER CABLE ASSEMBLIES



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NEXCONEC® FTTA CPRI (Common Public Radio Interface) fiber cable assemblies available in 2 cores which can carry control or message signals with minimum loss. This Indoor/Outdoor FTTA (fiber to the Antenna) fiber patch cord is designed for the quick and iterative distributing & retrieving under harsh environment.

Its applications include quick deployment in TV broadcasting and communication emergency repair. Ideal for both indoor & outdoor fiber cable applications, easy operation, reliable and cost-effective.

FEATURES

- ✓ Standard SM and MM options available
- ✓ Available in custom length
- ✓ Low insertion loss
- ✓ All Assemblies are machine polished & factory tested providing highest quality
- ✓ Flexibility fanout tail with small bending radius and excellent cable routing properties
- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

APPLICATIONS

- ✓ Multi-purpose indoor/outdoor applications
- ✓ Widely used in FTTA
- ✓ Harsh outdoor environments applications

SINGLE FERRULE CONNECTOR SPECIFICATION

Parameters	IL – Max	IL – Typical	RL (PC/APC)
SM – Standard	≤ 0.30 dB	≤ 0.20 dB	> 55/65 dB
SM – Premium	≤ 0.15 dB	≤ 0.12 dB	> 55/65 dB
MM – Standard	≤ 0.30 dB	≤ 0.18 dB	> 28 dB
MM – Premium	≤ 0.15 dB	≤ 0.08 dB	> 28 dB

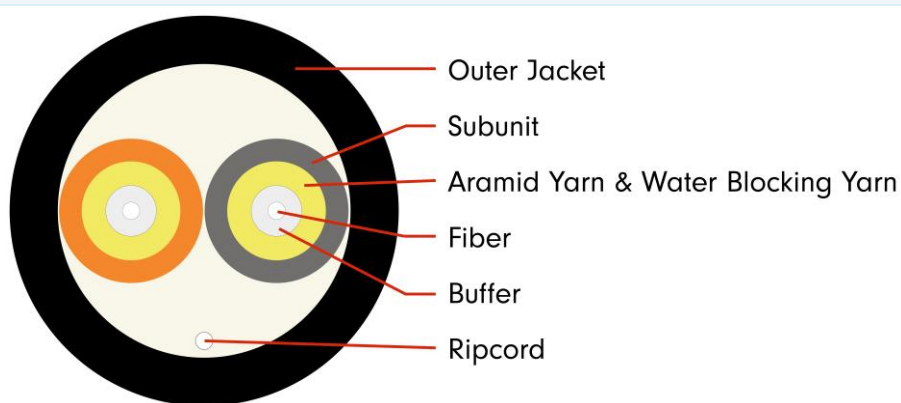
CABLE CHARACTERISTICS

Parameters	Units	Value
Fiber Count		2F (Duplex)
Number Of Subunits		2
Cable Outer Diameter	mm	5.5±0.3
Cable Outer Jacket Thickness	mm	0.60±0.05
Outer Jacket Material / Color		UV-LSZH (Black)
Subunit Diameter	mm	1.9±0.1
Buffer Diameter	mm	0.85±0.05
Subunit & Buffer Material		LSZH
Strength Members		Aramid Yarn + Water Blocking Yarn
Long Term Tensile Strength	N	300
Short Term Tensile Strength	N	450
Long Term Crush Resistance	N/100mm	300
Short Term Crush Resistance	N/100mm	1000
Min. Bending Radius	mm	10D (Static) 20D (Dynamic)
Installation Temperature	°C	-10 to +50
Operating Temperature	°C	-20 to +60

Storage Temperature	°C	-20 to +70
Compliance		RoHS, REACH & SvHC
Nominal Cable Weight	Kg/Km	25 Kg

CABLE CONSTRUCTION DIAGRAM

FTTA CPRI CABLE



ORDER INFORMATION

CPRI	1	2	3	4	5	6	7	DIST
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1	2	CONNECTOR	3	FIBER COUNT	4	FIBER	5	JACKET COLOR	6	JACKET MATERIAL	7	PERFORMANCE
L1	L1	LC	2	2FO	D2	G652D	B	BLACK	L	LSZH	S	STANDARD
L2	L2	LCA			A1	G657A1					P	PREMIUM
	XX	OPEN END			A2	G657A2						
					O1	OM1						
					O2	OM2						
					O3	OM3						
					O4	OM4						
					O5	OM5						