Outdoor Fiber Jumper

Description	
Model Number	OFJ-XX-XXX-XXX-X-X
Fiber Count	1-12 Fibers
Fiber Type	Single-mode, Multi-mode
Connector Type	LC, MPO, ODC equivalent, and others
Jacket Type	Plenum, Riser
Jacket Type	Indoor/Outdoor
Construction Type	Armored, Non-Armored
Length Range	Variable lengths, (Feet or Meters)
End 1 Breakout Length	Variable lengths
End 2 Breakout Length	Variable lengths

Speciification Prameter			
Optical- Single-Mode	LC	MPO	ODC
Insertion Loss	</= 0.10 dB (typ) 0.30 dB (max)	</= 0.10 dB (typ) 0.30 dB (max)	</= 0.25 dB (typ) 0.50 dB (max)
Return Loss	50 dB	60 dB	50 dB
Operational Wavelength	1310 / 1550 nm		
Optical- Multi-Mode	LC	MPO	ODC
Insertion Loss	</= 0.10 dB (typ) 0.30 dB (max)	</= 0.10 dB (typ) 0.30 dB (max)	</= 0.25 dB (typ) 0.50 dB (max)
Return Loss	-	-	-
Operational Wavelength	850 / 1300 nm		

Performance

100% factory tested

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OFJ-2xxA-LCPLCU-9950-xxx

Description: Outdoor Fiber Jumper, 2 strands, LC uniboot connectors, single mode or multi mode, armored, radio gland build up, sold in feet or meters

Product Configuration

Product Type	2 strand fiber assembly
Cable Type	outdoor hybrid cable
Fiber Type	single mode / multi mode
Construction Type	armored
Total Fibers, Quantity	2
End 1 Connector	LC uniboot low profile
End 2 Connector	LC uniboot low profile
Jacket Type	indoor / outdoor
Jacket Color	black
Ordering Note	sold in feet or meters

Performance Specifications

Insertion Loss, Typical	.30 dB SM / .40 dB MM (per connector)
Insertion Loss, Typical	Insertion loss measured at 1310 /1550 nm for single mode and 850/1300 nm for multi mode

Dimensions

Length Range	variable length
Diameter Over Jacket	End 1: 9 mm, End 2: 4.8 mm
End 1 Breakout Length	228.6mm | 9in (std)
End 2 Breakout Length	no breakout
Minimum Bend Radius	20 x cable diameter (dynamic) 10 x cable diameter (static)

Environmental / Mechanical Specifications

Operating Temperature	-40°C to +75°C (-40°F to +167°F)

Packaging and Weights

Cable Weight	0.334kg/m | 0.225lb/ft

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PWR-214-SH-HRT-XX

Power Jumper
2x14 AWG shielded cable, Harting power connector, blunt cut

Power Connector

Locking Type	push-pull
Number of Contacts	4
Rated Current	12 A
Rated Volage	48 V
Rated Impulse Voltage	1.5 kV
Mating Cycles	≥ 750
Environmental Sealing	IP67

Cable

Cable Shield	aluminum tape
Drain Wire	tinned copper
Cable Jacket	PVC, black
UV Resistance	yes
Diameter Over Jacket	8.13 mm (0.32 inches)
Cable Weight	0.069 lbs/foot

DC Power

Number of DC Conductors in Cable	2 (red, black)
Conductor Type	14 AWG
Voltage Withstand	2,000 Vrms
Ampacity	25 Amps

Cable Assembly Environmental

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Installation Temperature	-10°C to +65°C (14°F to +149°F)

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