



PFC-302L12-1000M

Powered Fiber Cable, OM3, 2 Fibers, Indoor/Outdoor, 12AWG Conductor, 1000 m

- Easy peel, stranded conductors for maximum cable flexibility and rapid access
- Polarization indentation along one side of the cable for polarity identification
- No special tools or mounting hardware required - usage of a standard "FTTH" pressure clamp for aerial installation
- Easy split of cable into three separate sections for separate routing in closures, as needed for installation
- Riser/LSZH jacket for indoor/outdoor applications

Product Classification

Product Type	Hybrid cable
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Series	PFC

Body Features

Bend Radius (Installation)	30.00 mm 1.18 in
Bend Radius (Long Term)	50.00 mm 1.97 in
Cable Color	Black
Cable Weight	110.0 kg/km
Tensile Strength (Installation)	440.00 N 98.92 lbf
Tensile Strength (Long Term)	132.00 N 29.67 lbf

Dimensions

Cable Length	1000.00 m 3280.84 ft
Conductor Wire Size	12 AWG
Height	4.50 mm 0.18 in
Width	12.00 mm 0.47 in

Industry Standards

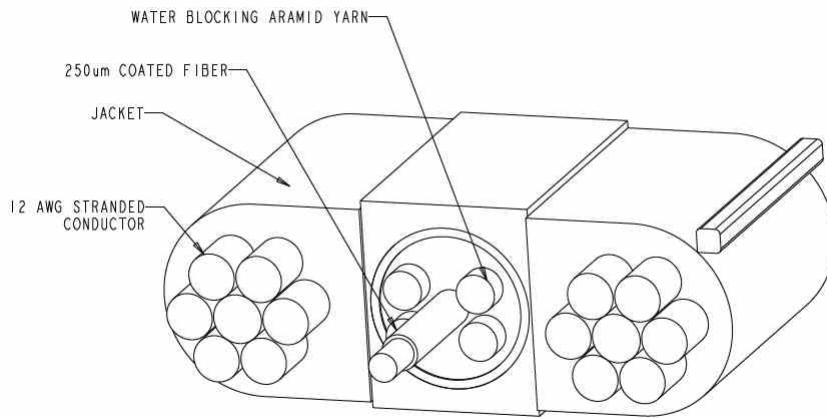
Approved Standards	EIA/TIA 568-B IEC 60332-1 IEC 60332-1-1 IEC 60332-1-2 IEC 60332-3-24 type C IEC 60754-2 IEC 60793-2-50 type B.1.3 IEC 60793-2-50 type B.6A IEC 60793-2-50 type B.6B IEC 61034-2 ITU-T G.657 Telcordia GR-20-CORE Issue 3 UL 13 (CL2R-OF AND CL3R-OF) UL 1666 Edition 5 UL 444 (CMR-OF)
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Other

Comment	Crush (N/mm) according EIA/FOTP-41A: 2200 N/mm Impact (N-m) according EIA/FOTP-25C: 4.4 N-m
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Outline Drawing

PFC-302L12-1000M



Product Type Features

Cable Style	Hybrid (2 Copper Wires / 2 Fibers)
Cable Type	Indoor/Outdoor
Fiber Type	OM3 RBR
Fiber Diameter	250 µm
Fiber Features	Reduced Bend Radius (RBR)

Signal Characteristics

Attenuation, maximum (1310nm)	0.35 dB/km
Attenuation, maximum (1550nm)	0.25 dB/km

Usage Conditions

Installation Temperature Range	-10 – 60 °C
Operating Temperature	-40 – 70 °C
Storage Temperature	-40 – 70 °C

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification