



PFC-302O12-1000M | 300100112758

**Powered Fiber Cable, OM3, 2 Fibers, 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
- Polyethylene jacket for outdoor duct or direct buried applications

## **OBSOLETE**

**This product was discontinued on: May 1, 2017**

### **Replaced By:**

PFC-302O12	Powered Fiber Cable, OM3, 2 Fibers, Outdoor, 12AWG Conductor
PFC-302O12F	Powered Fiber Cable, OM3, 2 Fibers, Outdoor, 12AWG Conductor, Printed in FEET

## **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

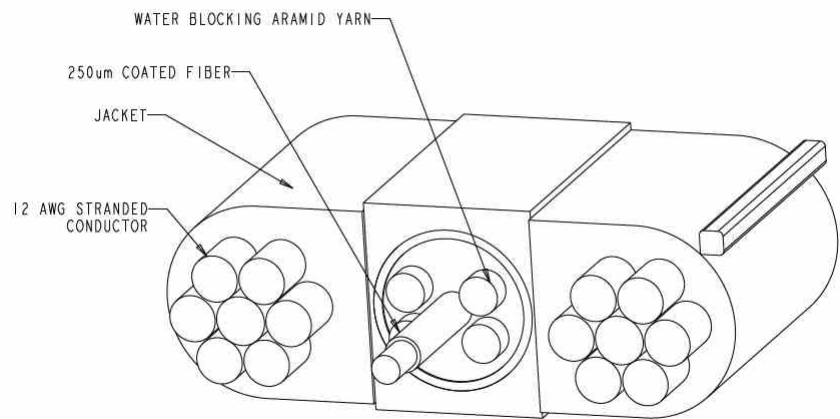
## **Industry Standards**

Approved Standards	ITU-T G.657.A2/B2   Telcordia GR-20-CORE Issue 3
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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



## Product Type Features

Cable Style	Hybrid (2 Copper Wires / 2 Fibers)
Cable Type	Outdoor application only
Fiber Type	OM3 RBR
Fiber Diameter	250 $\mu$ m
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**