PFC-S12012

Powered Fiber Cable, OS2, 12 Fibers, Outdoor, 12AWG Conductor, meter, feet

- 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

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Product Type	Hybrid cable, fiber and power
Ordering Note	Minimum order quanity is 500 meter

General Specifications

Cable Type	Stranded outdoor
Fiber Short Description	PFC-O12
Jacket Color	Black
Total Fiber Count	12

Dimensions

Height Over Jacket	4.318 mm	0.17 in
Width Over Jacket	11.43 mm	0.45 in
Conductor Gauge	12 AWG

Outline Drawing

COMMSCOPE®

PFC-S12012

WATER BLOCKING ARAMID YARN
250um COATED FIBER
JACKET
12 AWG STRANDED CONDUCTOR
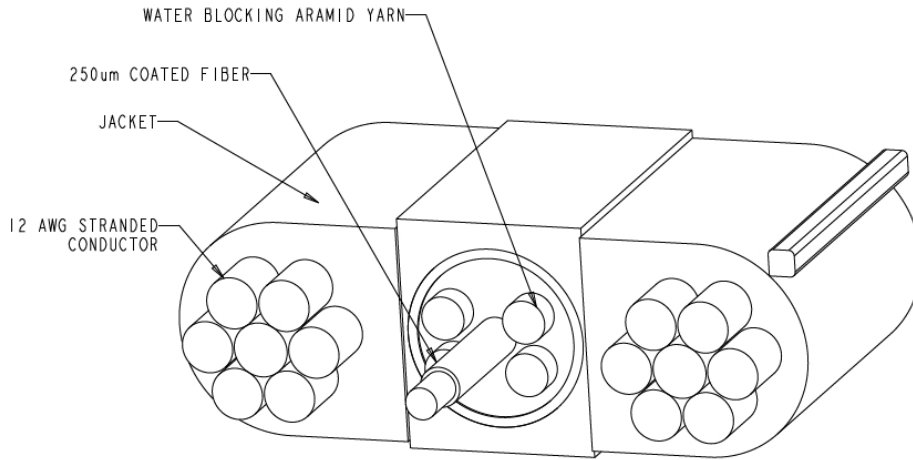
Mechanical Specifications

Minimum Bend Radius, loaded	50.8 mm	2 in
Minimum Bend Radius, unloaded	30.48 mm	1.2 in
Tensile Load, long term, maximum	133.447 N	30 lbf
Tensile Load, short term, maximum	440.374 N	99 lbf
Vertical Rise, maximum	122.011 m	400.3 ft

Optical Specifications

Fiber Type	G.657.A2, TeraSPEED®	OS2

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	Telcordia GR-20-CORE Issue 4
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	109.975 kg/km	73.9 lb/kft

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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-8G-PFC	–	Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

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