PFC-S12L12

Powered Fiber Cable, OS2, 12 Fibers, Indoor/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
- Riser/LSZH jacket for indoor/outdoor applications
- Cable should not be installed below grade where the cable is immersed or is continually in contact with water or moisture

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 indoor/outdoor
Fiber Short Description	PFC-L12
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-S12L12

Mechanical Specifications

Minimum Bend Radius, loaded	88.9 mm	3.5 in
Minimum Bend Radius, unloaded	45.72 mm	1.8 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
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)	Riser

COMMSCOPE®

PFC-S12L12

Flame Test Method	IEC 60332-1-2	IEC 60754-2	IEC 61034-2	NFPA 130	UL 1666	UL 444
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	109.975 kg/km	73.9 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

CENELEC

Included Products

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

COMMSCOPE®