



2-599683-4 | FO AKB ST HDPE12F 9

Outside Plant Fiber Optic Cable, OS2, loose tube, gel-filled, 2000 m

Body Features

Cable Color	Black
Cable Construction	1 x 12
Bend Radius (Installation)	199.90 mm 7.87 in
Bend Radius (Long Term)	160.02 mm 6.30 in
Weight (Nominal)	104.0 kg/km

Configuration Features

Number of Fibers	12
Cable Buffering	Loose tube, gel-filled
Number of Fillers	1

Dimensions

Outside Diameter (Nominal)	10.00 mm 0.39 in
Fiber Diameter	9/125 μ m
Length	1999.976 m 6561.600 ft

Industry Standards

Flammability Rating	HDPE (High Density Poly Ethylene)
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Operation/Application

Environment	Outdoor
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Other

Installation Temperature Range	-5 – 50 °C
Tensile Strength (Installation)	1200.00 N 269.77 lbf
Tensile Strength (Long Term)	625.00 N 140.51 lbf

Product Availability

Region	Australia/New Zealand EMEA
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Product Type Features

Product Type	Cable
Armoring	Corrugated Steel
Fiber Type	OS2
Cable Type	Fiber Optic
Fiber Specification	IEC 60794-1

Signal Characteristics

Attenuation (Max) (1300nm)	0.35 dB/km
Attenuation (Max) (1310nm)	0.45 dB/km
Attenuation (Max) (1550nm)	0.35 dB/km

Usage Conditions

Operating Temperature Range	-20 – 70 °C -4 – 158 °F
Storage Temperature Range	-20 – 70 °C

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant