



2-599629-4

Indoor/Outdoor Loose Tube Cable, 48-fiber, OS1, singlemode, LSZH, dielectric, yellow

Body Features

Cable Color	Yellow
Cable Construction	4 x 12
Bend Radius (Installation)	228.60 mm 9.00 in
Bend Radius (Long Term)	169.93 mm 6.69 in
Tensile Strength (Installation)	996.40 N 224.00 lbf
Tensile Strength (Long Term)	600.00 N 134.89 lbf
Weight (Nominal)	105.0 kg/km

Configuration Features

Number of Fibers	48
Number of Fillers	4

Dimensions

Length	1999.994 m 6561.660 ft
Outside Diameter (Nominal)	11.50 mm 0.45 in

Industry Standards

Flammability Rating	ULSZH (Universal Low Smoke Zero Halogen)
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Operation/Application

Environment	Outdoor
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Product Availability

Region	Australia/New Zealand EMEA
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Product Type Features

Product Type	Cable
Fiber Type	OS2
Armoring	None
Cable Type	Fiber Optic
Fiber Cable Buffering	Loose tube, gel-filled
Fiber Diameter	9/125 µm

Signal Characteristics

Attenuation, maximum (1300nm)	0.35 dB/km
Attenuation, maximum (1310nm)	0.45 dB/km

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Attenuation, maximum (1550nm) 0.35 dB/km

Usage Conditions

Installation Temperature Range -5 – 50 °C

Operating Temperature Range -10 – 70 °C | 14 – 158 °F

Storage Temperature Range -20 – 70 °C

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant