Product Specifications

COMMSCOPE®

2-599146-5

Fiber Optic Cable, 8-fiber, OM1, orange

Product Classification

Portfolio	NETCONNECT®
Product Type	Fiber indoor/outdoor cable
Regional Availability	Asia	Australia/New Zealand	EMEA

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca	s2	d1	a1

Construction Materials

Jacket Color	Orange
Total Fiber Count	8

Body Features

Bend Radius (Installation)	90.00 mm	3.54 in
Bend Radius (Long Term)	60.00 mm	2.36 in
Tensile Strength (Installation)	1000.00 N	224.81 lbf
Tensile Strength (Long Term)	600.00 N	134.89 lbf
Weight (Nominal)	35.0 kg/km

Dimensions

Length	2000.00 m	6561.68 ft
Outside Diameter	6.00 mm	0.24 in

Industry Standards

Flammability Rating	ULSZH (Universal Low Smoke Zero Halogen)

Operation/Application

Environment	Outdoor

Product Type Features

Armoring	None
Cable Type	Fiber Optic
Fiber Cable Buffering	Tight buffer
Fiber Diameter	62.5/125 µm
Fiber Specification	IEC 60794-1
Fiber Type	OM1
Optical Mode	Multimode

Signal Characteristics

Attenuation, maximum (1300nm)	1.50 dB/km

Product Specifications

Usage Conditions

Installation Temperature Range	-5 – 50 °C
Operating Temperature Range	-20 – 70 °C
Storage Temperature Range	-20 – 70 °C

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant