Product: GOCN106

Outdoor OFC CLT (jelly filled): GLASS YARNS + CST + PE with 1 Tube of Ø3.3mm 6f MM OM1.

Product Description

Outdoor optical fiber Central Loose Tube (jelly filled tube) cable with glass yarns as strength member, Corrugated Steel Tape (Full Rodent Protected) armor and polyethylene outer jacket. Product feature: This cable has improved rodent protection by Corrugated Steel Tape (Full Rodent Protected). Existing out of 1 Tube with a diameter of 3.3mm with 6 fibers MM OM1.

Technical Specifications

Product Overview

Suitable Applications:	For outdoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor use in networks for industrial, telecom, cable TV and/or broadcast. Easy to install in ducts, tunnels and trenches and/or tubes. Suitable for Direct Burial.

Fiber Specifications

Fiber Type:	OM1
Fiber Count:	6
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White

Cable Construction

Number of Active Subunits:	1
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	3.3 mm
Subunit Color:	TIA coding (Gxxxxxx.T): Natural
Cable Core Water Blocking:	Waterblocking Glass Yarns + Tape

Armor Specifications

Armor Type and Material:	CST - Corrugated Steel Tape

Outer Jacket Specifications

Jacket Material:	PE - Polyethylene
Nom. Diameter:	9.0 mm (0.35 in)

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.4 dB/km	0.9 dB/km

Mechanical Characteristics

Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	180 mm	IEC 60794-3-10
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	180 mm	IEC 60794-3-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	2400 N (540 lbf)	IEC 60794-3-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	800 N (180 lbf)	IEC 60794-3-10
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	22 kN/m	IEC 60794-3-10
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	11 kN/m	IEC 60794-3-10

Waterblocking	IEC 60794-1-22-F5		

Bulk Cable Weight:	81 kg/km (54 lbs/1000ft)

Temperature Range

Installation Temperature Range:	-5 °C to +50 °C
Operating Temperature Range:	-30 °C to +70 °C
Storage Temperature Range:	-30 °C to +70 °C

Standards and Compliance

Environmental Suitability:	Outdoor
CEC / C(UL) Compliance:	.
ISO/IEC Compliance:	IEC 60794ISO/IEC 11801-1

History

Update and Revision:	Revision Number: 0.243 Revision Date: 09-26-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
GOCN106.002100	Black	Reel	2,100 m	8719605077196
GOCN106.012100	Green	Reel	2,100 m	8719605077202

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