Belden

Product: GORN208

Outdoor OFC CLT (jelly filled): GLASS YARNS(3150N) + PE with 1 Tube of Ø3.3mm 8f MM OM2.

Product Description

Outdoor optical fiber Central Loose Tube (jelly filled tube) cable with glass yarns (improved rodent protection) as strength member and polyethylene outer jacket. Product feature: This cable has improved rodent protection by glass yarns. Existing out of 1 Tube with a diameter of 3.3mm with 8 fibers MM OM2.

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:	OM2
Fiber Count:	8
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black

Cable Construction

Number of Active Subunits:	1
Fibers Per Subunit:	8
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	3.3 mm
Subunit Color:	TIA coding (Gxxxxxx.T): Natural
Cable Core Water Blocking:	Waterblocking Glass Yarns

Outer Jacket Specifications

Jacket Material:	PE - Polyethylene
Nom. Diameter:	7.1 mm (0.28 in)

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	2.9 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	142 mm	IEC 60794-3-10
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	71 mm	IEC 60794-3-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	3150 N (708 lbf)	IEC 60794-3-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	1050 N (236 lbf)	IEC 60794-3-10
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	15 kN/m	IEC 60794-3-10
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	7.5 kN/m	IEC 60794-3-10
Waterblocking	IEC 60794-1-22-F5		

Bulk Cable Weight:	44 kg/km (30 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: 0.240 Revision Date: 09-26-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
GORN208.002100	Black	Reel	2,100 m	8719605078070

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