



Part Number: GOCB808

Outdoor Central Loose Tube Corrugated Steel Tape armour 08 Fibers
G652D/G657A1-OS2

Product Description

Outdoor Corrugated Steel Tape Armour Central Loose Tube Optical Cable 08 x 9/125-G652D/G657A1-OS2 A-DQ(ZN)(SR)2Y

Technical Specifications

Construction Type:	Central Loose Tube
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Product Overview

Environmental Space:	Outdoor
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. Suitable for direct burial and/or in ducts, tunnels and trenches.

Construction

Fiber Cable Construction

Fiber Type	Fiber Grade acc. ITU-T	Fiber Count
OS2	G652D & G657A1	8

Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black
Fiber Color Coding 2:	Europe coding (Gxxxxx.0): Red, Natural, Yellow, Blue, Green, Violet, Brown, Black
Cable Core Water Tight:	Yes
Cable Core Water Blocking:	Waterblocking Glass Yarns + Tape
Bulk Cable Weight:	106 kg/km

SubUnit Specifications

SubUnit Diameter:	0.165 in (4.2 mm)
SubUnit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Corrugated Steel Tape

Outer Jacket Material

Material	Color	Nominal Diameter	Ripcord
PE - Polyethylene	Black	10.6 mm	1

Optical Characteristics

Fiber Core Diameter:	9 µm
Max Attenuation at 1310 nm:	0.39 dB/km
Max Attenuation at 1550 nm:	0.24 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	212 mm	IEC 60794-3-10

Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	212 mm	IEC 60794-3-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	3990 N (897 lbf)	IEC 60794-3-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	1330 N (299 lbf)	IEC 60794-3-10
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	22 kN/m	
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	11 kN/m	IEC 60794-3-10

Temperature Range

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

Standards

UL Rating/Flame Test:	Non-UL Rated
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes

History

Variants

Item #	Color	Length
GOCB808.002100	Black	2,100 m

Update and Revision:	Revision Number: 0.30 Revision Date: 07-25-2019
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