Product: GUBWA02

Universal tight buffered fiber + SWA breakout cable LSZH jacket 2f SM OS2 G.652.D & G.657.A1.

Product Description

Universal (Indoor/Outdoor) tight buffered with Steel Wire Armouring breakout cable with Low Smoke Zero Halogen outer jacket. 2 fibers SM OS2 G.652.D & G.657.A1.

Technical Specifications

Product Overview

Construction Type:	Breakout
Environmental Space:	Indoor/Outdoor
Suitable Applications:	For outdoor and indoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor and indoor use in networks for industrial, telecom, cable TV and/or broadcast. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM.

Construction

Fiber Cable Construction

Fiber Type	Fiber Grade acc. ITU-T	Fiber Count	Subunit Color
OS2	G.652D & G.657A1	2	Yellow

Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue

Buffer Specification

Fiber Type	Buffer Construction	Buffer Material	Buffer Diameter
OS2	Tight	LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.9 mm

Central Strength Member:	GRP
Cable Core Water Tight:	Yes
Cable Core Waterblocking:	Waterblock Tape
Bulk Cable Weight:	325 kg/km

SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	4
Fibers Per Subunit:	1

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Steel Wire

Inner Jacket

Color:	Yellow
Nom. Diameter:	2.1 mm
Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)

Outer Jacket Specifications

Outer Jacket

Material	Nominal Diameter	Ripcord

LSZH - Low Smoke Zero Halogen (Flame Retardant)	11.6 mm	Yes

Table Notes:	Standard color: Black. Available colors: Orange, Yellow, Turquoise, Erika Violet, Red, Blue, Green, Brown, Violet, Pink, Grey, White, Black, Lime Green

Optical Characteristics

Max. Attenuation at 1310 nm:	0.40 dB/km
Max. Attenuation at 1550 nm:	0.30 dB/km
Max. Attenuation at 1625 nm:	0.30 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	232 mm	IEC 60794-2-20
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	116 mm	IEC 60794-2-20
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	3750 N (843 lbf)	IEC 60794-2-20
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	1250 N (281 lbf)	IEC 60794-2-20
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	22 kN/m	IEC 60794-2-20
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	11 kN/m	IEC 60794-2-20

Temperature Range

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

Standards

UL Rating/Flame Test:	Non-UL Rated
IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	10 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (RoHS 2):	Compliant
UV/ Sunlight Protection:	Yes

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
GUBWA02.002100	Black	Reel	2,100 m	8719605079275

History

Update and Revision:	Revision Number: 0.100 Revision Date: 02-28-2024

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