Product: GIPS1H2

Indoor semi-tight buffered patchcord LSZH jacket 2.1mm DX Zip MM OM1.

Product Description

Indoor semi-tight buffered patchcord with Low Smoke Zero Halogen outer jacket. 2.1mm duplex zipcord MM OM1.

Technical Specifications

Product Overview

Construction Type:	Interconnect
Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Flexible terminating leads such as pigtails, patchcords and test leads. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Short distance applications for indoor use.

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	2

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

Buffer Specification

Fiber Type	Buffer Construction	Buffer Material	Buffer Diameter
OM1	Semi-Tight	LSZH - Low Smoke Zero Halogen	0.9 mm

Cable Core Water Tight:	Yes
Bulk Cable Weight:	8.9 kg/km

Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Non-Armored

Outer Jacket Specifications

Outer Jacket

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.1 mm	No

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

Optical Characteristics

Max. Attenuation at 1300 nm:	0.9 dB/km
Max. Attenuation at 850 nm:	3.4 dB/km

Mechanical Characteristics

Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	60 mm	IEC 60794-2-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	450 N (101 lbf)	IEC 60794-2-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	150 N (34 lbf)	IEC 60794-2-10

Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	5 kN/m	IEC 60794-2-10

Temperature Range

Operating Temperature Range:	-40 °C to +70 °C
Installation Temperature Range:	-15 °C to +50 °C
Storage Temperature Range:	-40 °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
IEC 61034-2 - Smoke Density Min. Transmittance:	60%
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794-1-1
EU Directive 2011/65/EU (RoHS 2):	Compliant
UV/ Sunlight Protection:	Yes

History

Update and Revision:	Revision Number: 0.49 Revision Date: 04-10-2024

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