



Product: [GIPS1EH](#)



Indoor semi-tight buffered patchcord LSZH jacket 2.8mm heavy DX MM OM1.

Product Description

Indoor semi-tight buffered patchcord with Low Smoke Zero Halogen outer jacket. 2.8mm heavy duplex MM OM1.

Technical Specifications

Product Overview

Construction Type:	Interconnect
Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Flexible terminating leads such as pigtailed, 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 (Gxxxxx.T): Blue, Orange
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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
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Bulk Cable Weight:	34 kg/km
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Jacket Specifications

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

Outer Jacket

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.8 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
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Optical Characteristics

Max. Attenuation at 1300 nm:	0.9 dB/km
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Max. Attenuation at 850 nm:	3.4 dB/km
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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	600 N (135 lbf)	IEC 60794-2-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	200 N (45 lbf)	IEC 60794-2-10

Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	5 kN/m	IEC 60794-2-10
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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, ISO/IEC 11801-1
EU Directive 2011/65/EU (RoHS 2):	Compliant
UV/ Sunlight Protection:	Yes

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
GIPS1EH.012100	Blue	Reel	2,100 m	8719605075284
GIPS1EH.002100	Orange	Reel	2,100 m	8719605075277

History

Update and Revision:	Revision Number: 0.149 Revision Date: 09-17-2024
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