



Product: [GUFPI02](#)

Universal drop patchcord Aramid and LSZH jacket 2f SM OS2 G.657.B3.

Product Description

Universal (Indoor/Outdoor) drop patchcord with Aramid Strength Members and Low Smoke Zero Halogen outer jacket. 2 fibers SM OS2 G.657.B3.

Technical Specifications

Product Overview

Construction Type:	Interconnect
Environmental Space:	Indoor/Outdoor - Euroclass Dca
Suitable Applications:	Small, lightweight Flat Drop Cable offers an ideal solution for the smaller fiber counts that are needed in the final sections of an optical network, particularly in a fiber-to-the-premise (FTTx) installation

Construction

Fiber Cable Construction

Fiber Type	Fiber Grade acc. ITU-T	Fiber Count
OS2	G.657B3	2

Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange
Cable Core Water Tight:	Yes
Bulk Cable Weight:	14 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)	2.2 mm	No

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	66 mm	IEC 60794-2-10
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	49.5 mm	IEC 60794-2-10
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	75 N (17 lbf)	IEC 60794-2-10
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	25 N (6 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%
CPR Euroclass:	Dca-s1,d1,a1
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794, ISO/IEC 11801-1
EU Directive 2011/65/EU (RoHS 2):	Compliant

History

Update and Revision:	Revision Number: 0.27 Revision Date: 09-17-2024
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