BELDEN

Product: DIWULA2DP15 �↗

Fault Managed Power Systems Hybrid Cable up to 24 Fibers with 1.5mm² Conductors

IMAGE COMING SOON

Product Description

Fault Managed Power Systems Hybrid Cable up to 12 Fibers in 2 Mini Distribution Sub-Units with 250 µm Primary Coated Colored Fibers with 16 insulated 1.0mm² Conductors

Technical Specifications

Product Overview

Suitable Applications:	Fault Managed Power Systems (FMPS), Distributed Antenna Systems (DAS), Passive Optical Network (PON), Wireless Access Points (WAP), Security (Cameras), Power over long distances

Fiber Specifications

Fiber Type:	OS2
Fiber Count:	24
Fiber Color Coding:	TIA-598-D

Fiber Construction

Subunit Strength Members:	Aramid yarns
Fibers Per Subunit:	12

Conductor Specifications

Conductor Type:	BC - Bare Copper
Number of Pairs:	8
Insulation Material:	LSZH / FRNC

Outer Jacket Specifications

Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	17 mm (0.67 in)

Optical Characteristics

Wavelength	1310 nm	1550 nm	1625 nm
Max. Attenuation	0.39 dB/km	0.24 dB/km	0.29 dB/km

Mechanical Characteristics

Min. Bend Radius During Installation:	20x Cable OD
Min. Bend Radius During Operation:	15x Cable OD
Max. Tensile Strength During Installation:	1200 N (270 lbf)
Bulk Cable Weight:	492 kg/km (331 lbs/1000ft)

Temperature Range

Installation Temperature Range:	-5 °C to +55 °C
Operating Temperature Range:	-25 °C to +55 °C
Storage Temperature Range:	-25 °C to +55 °C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60331-2
CPR Euroclass:	Cca-s1a,d1,a1
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 , IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)

History

Update and Revision:	Revision Number: 0.69 Revision Date: 03-04-2025