



Product: [DIWULA2DP15](#)

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

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
----------------------	---

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.