

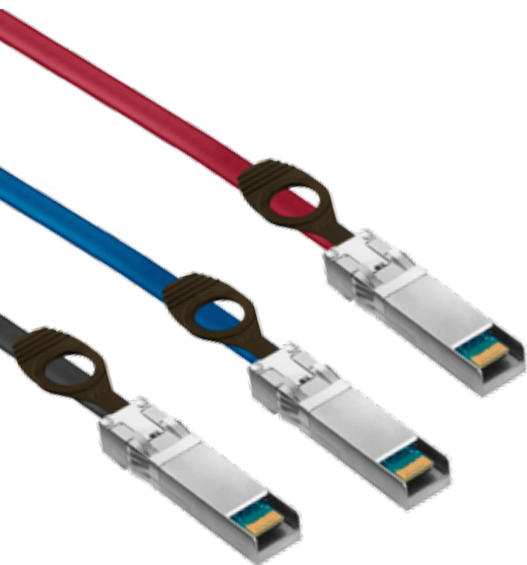
3M™ Cable Assemblies for SFP+ Applications, Red or Blue Jacketed Versions

Red- or blue-colored assemblies are designed to provide port traceability for management of redundant network equipment in high-performance computing.

The 3M Cable Assembly for SFP+ Applications is a passive copper cable assembly that utilizes 3M™ Twin Axial Cable technology to create a highly-flexible, foldable, high-performance solution, with up to 10 Gbps for storage, networking, high-performance computing and data center applications.

Key Features and Benefits

- Available in highly-flexible flat cable configurations
- Designed to be compatible with standard SFP+ Interface
 - SFF-8431 and SFF-8432
 - 10 Gigabit-Ethernet
- Foldable and bendable with minimal performance impact
- Very small bend radius to allow efficient routing in tight spaces
- Excellent crosstalk and insertion loss performance - achieves 5 meter length with 30 AWG
- EEPROM for cable information and/or customer signature
- PVC jacket
- Improved EMI shielding by using spring metal strap on cable backshell
- Configurable pull tab (on top or bottom of the cable)
- Also available in standard black cable jacket

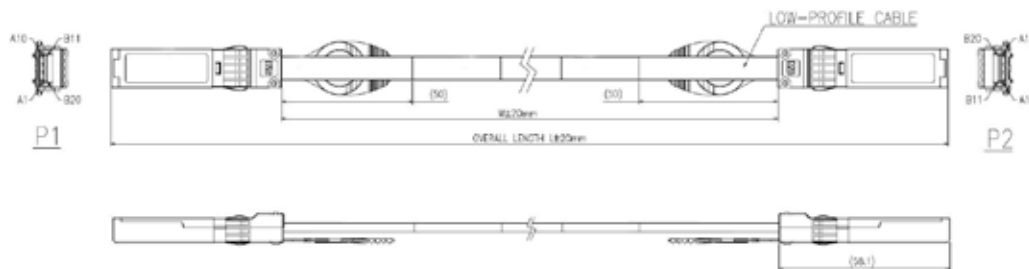


Product Information

Specifications	Product Data Specifications	PD-0114
	Signal Integrity Data	Available upon request
Materials	Cable Type	2 twin axial pairs w/ copper foil EMI shield
	Cable Jacket	PVC; Color: Red or Blue
	Cable Flammability Rating	UL VW-1 (PVC)
	Backshell	Diecast zinc – Cu underplate w/ Ni overplate
Electrical	EMI Girdle	Stainless steel
	Impedance (cable)	100Ω +/- 5Ω
	Withstanding Voltage	300V DC
Environmental	Temperature Range	-30°C to +85°C (UL qualified)



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Ordering Information

The following parts configurations are available on customer drawing 78-5100-2649-1.

Please reference this drawing for additional details and availability.

3M P/N	Cable Color	Cable Length (Meters) "M"	Total Length (Meters) "M"	3M P/N	Cable Color	Cable Length (Meters) "M"	Total Length (Meters) "M"
1412-P20-06-1.00	Red	0.884	1.0	1412-P21-06-1.00	Blue	0.884	1.0
1412-P20-06-1.50	Red	1.384	1.5	1412-P21-06-1.50	Blue	1.384	1.5
1412-P20-06-2.00	Red	1.884	2.0	1412-P21-06-2.00	Blue	1.884	2.0
1412-P20-06-2.50	Red	2.384	2.5	1412-P21-06-2.50	Blue	2.384	2.5
1412-P20-06-3.00	Red	2.884	3.0	1412-P21-06-3.00	Blue	2.884	3.0
1412-P20-06-3.50	Red	3.384	3.5	1412-P21-06-3.50	Blue	3.384	3.5
1412-P20-06-4.00	Red	3.884	4.0	1412-P21-06-4.00	Blue	3.884	4.0
1412-P20-06-5.00	Red	4.884	5.0	1412-P21-06-5.00	Blue	4.884	5.0

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Unless otherwise noted, references to industry specifications are intended to indicate substantial compliance to the material elements of the specification. Such references should not be construed as a guarantee of compliance to all requirements in a given specification.

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