

Ribbon Cable

Riser and Plenum Rated

Applications

- Inter-equipment connections
- NEBS applications

Product Description

Small size is ideal for connections in tight spaces. Color coded fibers. Suitable for use with standard ribbon connectors. Flexible, with half-inch minimum bend radius. Tight center-to-center tolerances. Optional identification printing available.

Jacket Material	PVC
Strength Member	Aramid Yarn
Color Code (Jacket & Fibers)	Per EIA/TIA 598-A, see page 10.2
Jacket Color	
Single-mode	Yellow
62.5/125µm	Orange
50/125 µm / 1 Gbe	Orange
50/125 µm / 10 Gbe	Aqua

Ratings

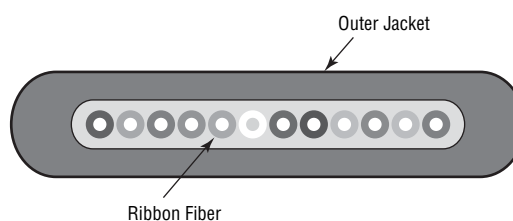
Riser	
UL Type	OFNR
cUL Type	OFN FT4
Flame Resistance	UL 1666

Plenum	
UL Type	OFNP
cUL Type	OFN FT6
Flame Resistance	NFPA 262

Specifications

Temperature Range	
Storage	-40 to +80°C
Operating	-20 to +70°C
Crush Resistance (EIA-455-41)	2000 N/cm
Impact Resistance (EIA-455-25)	2000 Impacts @ 1.6 N-m
Cyclic Flexing (EIA-455-104)	2000 cycles, min.
Min. Bend Radius	
Installation	15 x OD
Long Term	10 x OD
Optical Specifications	See page 10.2

Fiber Bundle Detail



No. of Fibers	Belden Part Number				Outside Diameter		Weight		Max. Install Load	
	62.5 / 125µm Std. / 1 Gbe	50 / 125µm Std. / 1 Gbe	50 / 125µm 10 Gbe – 300M	Single-mode Enhanced	Inch	mm	Lbs./1000'	kg/km	Lbs.	N

Ribbon Series

Riser (NEC/CEC OFNR/OFN FT4)										
2	M9B630	M9A630	M9C630	M9W630	0.114	2.9	5	7	100	444
4	M9B631	M9A631	M9C631	M9W631	0.78 x 0.115	2.0 x 2.9	4	6	100	444
6	M9B632	M9A632	M9C632	M9W632	0.78 x 0.137	2.0 x 3.5	6	9	100	444
8	M9B633	M9A633	M9C633	M9W633	0.78 x 0.158	2.0 x 4.0	6	9	100	444
12	M9B634	M9A634	M9C634	M9W634	0.78 x 0.180	2.0 x 4.6	7	10	100	444
Plenum (NEC/CEC OFNP/OFN FT6)										
2	M9B640	M9A640	M9C640	M9W640	0.114	2.9	5	7	100	444
4	M9B641	M9A641	M9C641	M9W641	0.78 x 0.115	2.0 x 2.9	4	6	100	444
6	M9B642	M9A642	M9C642	M9W642	0.78 x 0.137	2.0 x 3.5	6	9	100	444
8	M9B643	M9A643	M9C643	M9W643	0.78 x 0.158	2.0 x 4.0	6	9	100	444
12	M9B644	M9A644	M9C644	M9W644	0.78 x 0.180	2.0 x 4.6	7	10	100	444

Fiber Ribbon Cable is to be sold as bulk cable and has not been qualified for field connectorization.