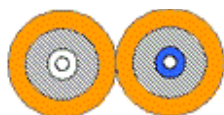


For more Information
please call

1-800-Belden1



General Description:

FiberExpress Duplex 3.0mm Interconnect Cable, 2-Fiber, OM1 OFNP, Tight Buffer, Indoor Rated with Orange Jacket, Small and very flexible for confined spaces, ideally suitable for use in an open office environment.

Physical Characteristics (Overall)

Product Family - Plenum:

Fiber Count	Type	OM1 MM 62.5/125 1 Gb	OM2 MM 50/125 1 Gb	OM3 MM 50/125 10 Gb 300m	OM4 MM 50/125 10 Gb 500m		OS2 - SM
1	.	B98086	B9A003	B9C003	B9E003	.	B9W003
2	.	B96919	B9A004	B9C004	B9E004	.	B9W004
2	Heavy Duty Duplex	B9B081	B9A081	B9C081	B9E081	B9W081	

Product Family - Riser:

Fiber Count	Type	OM1 MM 62.5/125 1 Gb	OM2 50/125 1 Gb	OM3 MM 50/125 10 Gb 300m	OM4 MM 50/125 10 Gb 500m		OS2 - SM
1	.	B97112	B9A001	B9C001	B9E001	.	B9W001
2	.	B96915	B9A002	B9C002	B9E002	.	B9W002

Fiber Type: 62.5 Micron (OM1)

Number of Fibers: 2

Buffer Tube Material: Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Strength Member

Strength Member Material: Aramid Yarn

Overall Cable

Overall Nominal Diameter: 2.896 x 5.791 mm

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +75°C

Installation Temperature Range: 0°C To +70°C

Operating Temperature Range: 0°C To +70°C

Bulk Cable Weight: 17.858 Kg/Km

Min. Bend Radius/Minor Axis: 50.800 mm

Min. Bend Radius for Long Term Application: 30.480 mm

Max. Load for Installation: 97.860 N

Max. Load for Long Term Application: 31.137 N

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/22/2008
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL910 Plenum
CSA Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Aerial:	No
Suitability - Burial:	No
Sunlight Resistance:	No

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	B96915

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	600 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

Related Documents:

[Simplex & Duplex Zipcord Cable.pdf](#) - Simplex & Duplex Zipcord Cable technical information.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 2 Revision Date: 02-06-2013

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