

M97112 Fiber - Tight Buffer Interconnect Cables - Riser (OFNR)



X

For more Information please call

1-800-Belden1



Description:

Tight Buffer Interconnect Cables.

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Physical Characteristics (Overall)				
	Fiber Type:	62.5/125/900 Micron		
	Number of Fibers:	1		
	Core Diameter:	62.5 +/- 2.5		
	Core Non-Circularity:	5% maximum		
	Clad Diameter:	125 +/- 2		
	Clad Non-Circularity:	2.0% maximum		
	Primary Coating Material:	Acrylate		
	Primary Coating Diameter:	245 +/- 10		
	Secondary Coating Material:	Engineering Thermoplastic		
	Secondary Coating Diameter:	900 +/- 50		
(er Color Code Chart: Color Slate			
	Core-clad Offset:	3 microns maximum		
Outer Jacket Material: Outer Jacket Material PVC - Polyvinyl Chloride				
	Outer Jacket Color:	Orange		
Strength Member				
	Strength Member Material:	Aramid Yarn		
Ov	erall Cabling Overall Nominal Diameter:	0.114 in.		
Mechanical Characteristics (Overall)				
	Storage Temperature Range:	-40°C To +75°C		
	Operating Temperature Range:	-20°C To +75°C		
	Bulk Cable Weight:	5.600 lbs/1000 ft.		
	Min. Bend Radius (Install)/Minor Axis:	2 in.		
	Min. Bend Radius for Long Term Application:	1 in.		
	Max. Load for Installation:	106 lbs.		
	Max. Load for Long Term Application:	35 lbs.		

Proof Test:

100 kpsi

Detailed Specifications & Technical Data





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Applicable Standards & Environmental Programs NEC(UL) Specification: OFN IEEE Specification: 802.32 EU Directive 2000/53/EC (ELV): Yes EU Directive 2000/55/EC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2006 EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/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 C(UL) Flame Test: FT4 Sultability - Outdoor: No Plenum/Non-Plenum Plenum (V/N): No Optical Characteristics (Overall) Maximum Attenuation @ 850nm: 3.5 dB/km Point Loss @ 350nm & 1300nm: 2 Minimum Bandwidth @ 850nm: 200 MHz*km Minimum Bandwidth @ 300nm: 1.496 Refractive Index @ 850nm: 1.496 Refractive Index @ 850nm: 1.496 Refractive Index @ 850nm: 3000 MHz*km Minimum Bindwidth @ 1300nm: 1.496 Refractive Index @ 850nm: 1.491 Numerical Aperature: 275 Maximum Gigabit Ethernet Length @ 850nm: 300 Maximum Gigabit Ethernet Length @ 850nm: 550 Reference (Overall) Previous Part Number: PTS6001	Applicable Specifications and Agency Compliance (Overall)				
CEC/C(UL) Specification: IEEE Specification: 802.3Z EU Directive 2000/53/FC (ELV): Yes EU Directive 2000/53/FC (RoHS): Yes EU Directive 2000/55/FC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2006 EU Directive 2002/56/FC (WEEE): Yes EU Directive 2003/11/FC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Wes MII Order #39 (China RoHS): Yes Flame Test C(UL) Flame Test: FT4 Suitability Suitability - Indoor: Suitability - Outdoor: No Plenum/Non-Plenum Plenum (YN): No Optical Characteristics (Overall) Maximum Attenuation @ 850nm: 1.25 dB/km Maximum Attenuation @ 1300nm: 1.25 dB/km Point Loss @ 850nm & 1300nm: 200 MH2*km Minimum Bandwidth @ 1300nm: Son MH2*km Minimum Bandwidth @ 1300nm: 1.496 Refractive Index @ 850nm: 1.496 Refractive Index @ 850nm: 1.491 Numerical Aperature: .275 Maximum Gigabit Ethernet Length @ 850nm: 550 Reference (Overall)					
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	Previous Part Number:	PTS6001			

Put Ups and Colors:

Item # Putup Ship Weight Color Notes Item Desc

Revision Number: 2 Revision Date: 05-14-2007

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Detailed Specifications & Technical Data





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