

**M96919 Fiber Optic - Tight Buffer Interconnect Cables - Plenum (OFNP)**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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**Description:**

Interconnect Cables are designed for low fiber-count premises environments. They are small and very flexible, making them ideal for confined spaces. Their aesthetic appearance makes these cables suitable for use in open office environments.

**REFERENCE:**

Previous Part Number	PTZP602
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**PHYSICAL CHARACTERISTICS:**

Fiber Type	62.5/125/900 Micron
Number of Fibers	2
Core Diameter	62.5 +/- 2.5 microns
Core Non-Circularity	5% Maximum
Clad Diameter	125 +/- 2 microns
Clad Non-Circularity	2% Maximum
Core-clad Offset	3 Microns Maximum
Primary Coating Material	Acrylate
Primary Coating Diameter	245 +/- 10 microns
Secondary Coating Material	Plenum Grade PVC - Polyvinyl Chloride
Secondary Coating Diameter	900 +/- 50 microns

Fiber Color Code Chart :

Number	Color
1	Blue
2	White

**STRENGTH MEMBER:**

Strength Member Material	Aramid Yarn
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**OUTER JACKET:**

Outer Jacket Material Trade Name	Flamarrest®
Outer Jacket Material	Plenum Grade PVC - Polyvinyl Chloride
Outer Jacket Color	Orange

**OVERALL NOMINAL DIAMETER:**

Overall Diameter	.114 x .230 in.
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**MECHANICAL CHARACTERISTICS:**

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Operating Temperature Range	-20°C To +70°C
Storage Temperature Range	-40°C To +70°C
Bulk Cable Weight	11.5 lbs/1000 ft.
Max. Load for Installation	180 lbs.
Max. Load for Long Term Application	70 lbs.
Min. Bend Radius (Install)	2 in.
Min. Bend Radius for Long Term Application	1 in.
Crush Resistance	200 N/cm
Impact Resistance	20 Impacts w/ 1.0 N-m
Cyclic Flexing	100 Cycles min.
Proof Test	100 kpsi

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	OFNP
CEC/C(UL) Specification	OFN
IEEE Specification	802.3Z
EU RoHS Compliance (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006

**FLAME TEST:**

C(UL) Flame Test	FT6
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**SUITABILITY:**

Suitability - Indoor	Yes
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**PLENUM/NON-PLENUM:**

Plenum (Y/N)	Y
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**OPTICAL CHARACTERISTICS:**

Maximum Attenuation @ 850nm	3.5 dB/km
Maximum Attenuation @ 1300nm	1.25 dB/km
Point Loss @ 850nm & 1300nm	0.2 dB
Minimum Bandwidth @ 850nm	200 MHz-km
Minimum Bandwidth @ 1300nm	500 MHz-km
Refractive Index @ 850nm	1.496
Refractive Index @ 1300nm	1.491
Numerical Aperature	.275
Maximum Gigabit Ethernet Length @ 850nm	300 meters
Maximum Gigabit Ethernet Length @ 1300nm	550 meters

**PUT-UPS AND COLORS:**

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<b>Item</b>	<b>Description</b>	<b>Put-Up (ft.)</b>	<b>Ship Weight (lbs.)</b>	<b>Jacket Color</b>	<b>Notes</b>
M96919 003X	62.5UM PLENUM DUPLX CORDAGE	X		ORANGE	

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