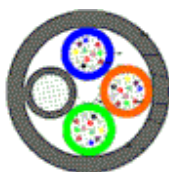


M9W206 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP

OUTER JACKET
SUB-UNITS
STRENGTH MEMBERS
UNBUFFERED FIBERS
CENTRAL MEMBER
BARRIER



For more Information
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube Optical Fiber Cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit.

Physical Characteristics (Overall)

Fiber Type:	Single Mode/125/900 Micron
Number of Fibers:	36
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

Core-clad Offset:	Acrylate
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Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.017
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Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness:	0.030
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Outer Jacket Diameter:

Nom. Dia. (in.)
0.359

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Outer Jacket Color:	Black
Outer Jacket Separator Material:	Water Blocking Tape

Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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Overall Cabling

Overall Nominal Diameter:	0.359 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-40°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	7.180 in.
Min. Bend Radius for Long Term Application:	5.385 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	405 lbs.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFN
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
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
Telecommunications Standards:	568B
Other Specification:	ITU G.652.d

Flame Test

C(UL) Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	0.80 dB/km
Maximum Attenuation @ 1550nm:	0.50 dB/km

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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