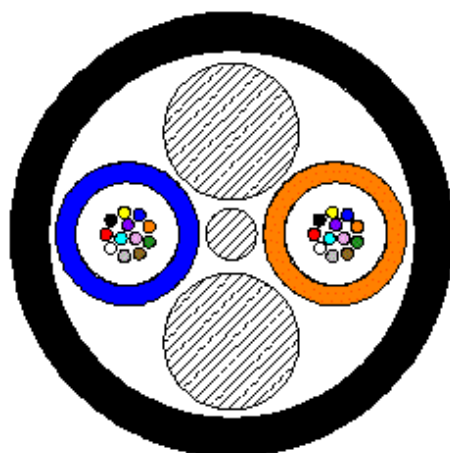


B9W205 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP



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: SM, (OS2)

Number of Fibers: 24

Fiber Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

Buffer Tube Material: Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material

PVC - Polyvinyl Chloride

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cable

Overall Nominal Diameter: 0.359 in.

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +80°C

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Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	47 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	7.200 in.
Min. Bend Radius for Long Term Application:	5.400 in.
Max. Load for Installation:	405 lbs.
Max. Load for Long Term Application:	135 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP
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 Steiner Tunnel
CSA Flame Test:	FT6

Suitability

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

Plenum/Non-Plenum

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

Maximum Attenuation @ 1310nm:	.8 dB/km
Maximum Attenuation @ 1550nm:	.5 dB/km
Maximum Gigabit Ethernet Length @ 1300nm:	5000 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

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12	Aqua
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Related Documents:

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W205	1 FT	0.062 LB	BLACK		SJAD 24F OS2 OFNP LT

Revision Number: 3 Revision Date: 12-11-2012

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