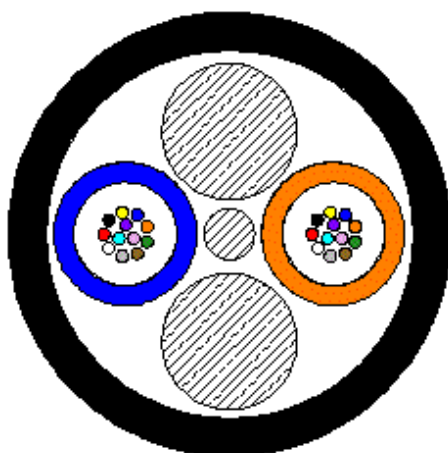


## B9C205 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP



For more Information  
please call

1-800-Belden1

**General Description:**

FiberExpress Single Jacket-All Dielectric Cable, 24-Fiber, OM3 OFNP, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

**Physical Characteristics (Overall)**

**Fiber Type:** 50 Micron (OM3)

**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:** 9.119 mm

**Mechanical Characteristics (Overall)**

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

**B9C205 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP**

Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	69.945 Kg/Km
Min. Bend Radius/Minor Axis:	182.880 mm
Min. Bend Radius for Long Term Application:	137.160 mm
Max. Load for Installation:	1801.521 N
Max. Load for Long Term Application:	600.507 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 Steiner Tunnel
CSA Flame Test:	FT6

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	No
Sunlight Resistance:	Yes

**Plenum/Non-Plenum**

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

Maximum Attenuation @ 850nm:	3.0 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	1500 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	1000 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

## METRIC MEASUREMENT VERSION

## B9C205 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP

6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

**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
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Revision Number: 5      Revision Date: 12-05-2016

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