

B9C204 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, 12-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:	12
Buffer Tube Material:	Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Strength Member

Strength Member Material:	Aramid Yarn
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Overall Cable

Overall Nominal Diameter:	6.731 mm
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	49.111 Kg/Km
Min. Bend Radius/Minor Axis:	134.620 mm
Min. Bend Radius for Long Term Application:	101.600 mm
Max. Load for Installation:	1334.460 N
Max. Load for Long Term Application:	400.338 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
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METRIC MEASUREMENT VERSION

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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 @ 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
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
B9C204	0 MT	0.020 KG	BLACK		SJAD 12F OM3 OFNP LT

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