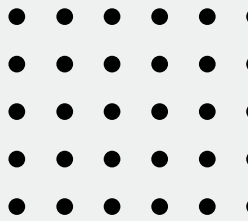


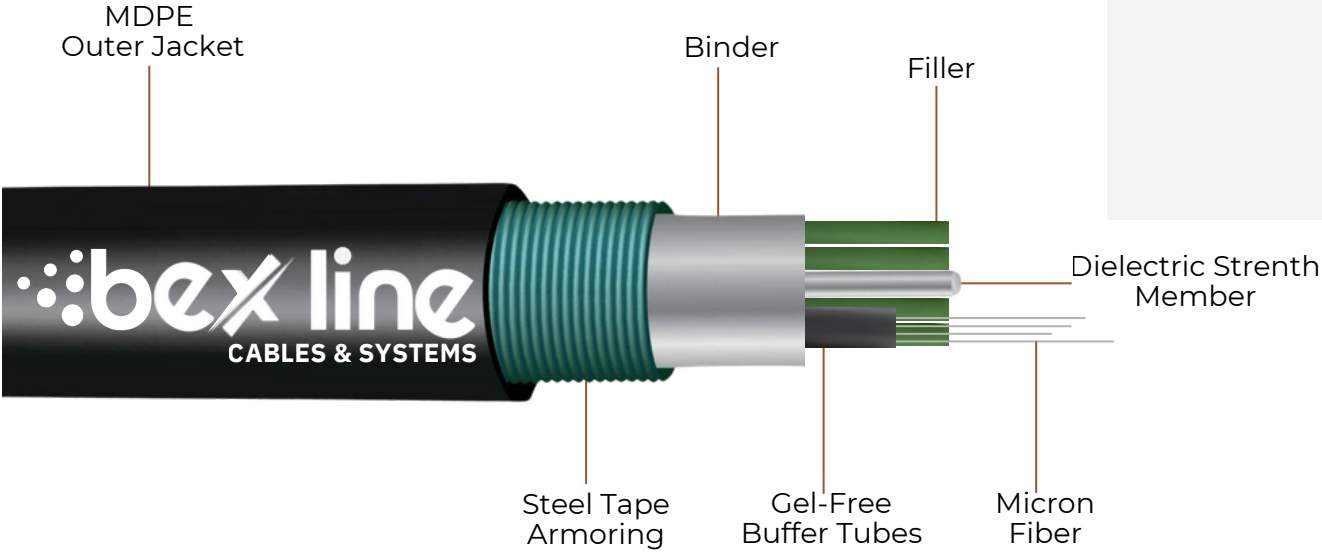
Optical Fiber Cable

MultiMode OM3 12Core



P.N:BXOC-OM3-12

LazrSPEED® Indoor/Outdoor Cable OM3 , Single Jacket All/Single Armored - Dielectric, Low Smoke Zero Halogen (LSZH), Gel-Free, Stranded Loose Tube Cable



PRODUCT CLASSIFICATION :

● Regional Availability	CHINA / IRELANDA
● Portfolio	BEXLINE
● Product Type	Fiber OM3 indoor/outdoor cable

General Specifications :

● Cable Type	Stranded loose tube
● Construction Type	Armored
● Subunit Type	Gel-free
● Jacket Color	Black
● Jacket Marking	Meters
● Filler, quantity	3
● Subunit, quantity	2
● Fibers per Subunit, quantity	6
● Total Fiber Count	12

Dimensions :

● Buffer Tube/Subunit Diameter	2 mm 0.098 in
● Diameter Over Jacket	10.5 mm 0.453 in

Gel-free design for quick and clean splicing, stranded loose tube construction providing flexibility and reliable fiber protection, OM3 multimode fibers ensuring high bandwidth and optimized performance for 10/40/100 GbE applications, lightweight non-armored design for easier handling and installation, durable outer jacket offering protection in indoor/outdoor duct applications, UV-resistant jacket ensuring long-term reliability and stable performance in data networks.

ROHS Compliant

UK-ROHS Compliant

Material Specifications

S/N	Mechanical Specifications	RESULT
1	Minimum Bend Radius, loaded	175 mm 6.89 in
2	Minimum Bend Radius, unloaded	117 mm 4.606 in
3	Tensile Load, long term, maximum	800 N 179.847 lbf
4	Tensile Load, short term, maximum	2700 N 606.984 lbf
5	Compression	22 N/mm 125.623 lb/in
6	Compression Test Method	FOTP-41 IEC 60794-1 E3
7	Flex	35 cycles
8	Flex Test Method	FOTP-104 IEC 60794-1 E6
9	Impact	3 N-m 26.552 in lb
10	Impact Test Method	FOTP-25 IEC 60794-1 E4
11	Strain	See long and short term tensile loads
12	Strain Test Method	FOTP-33 IEC 60794-1 E1
13	Twist	10 cycles
14	Twist Test Method	FOTP-85 IEC 60794-1 E7
15	Vertical Rise, maximum	654 m 2,145.669 ft
16	Jacket Material	PE
17	Fiber Type	OM3, LazrSPEED® 300 OM3, LazrSPEED® 300

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Environmental Specifications

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696 EN 187105 Telcordia GR-20 Telcordia GR 409
Environmental Space	Aerial, lashed Buried Low Smoke Zero Halogen (LSZH)
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Qualification Method	FOTP-104 IEC 60794-1 E6
ANSI/ICEA S-87-640	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze	2 °C 28.4 °F
Cable Freeze Test Method	FOTP-98 IEC 60794-1 F15
Heat Age	40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Regulatory Compliance/Certifications :

- CHINA-ROHS Below maximum concentration value
- ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system