

Fibre Optical Central Loose Tube Cable Outdoor

Max 24F

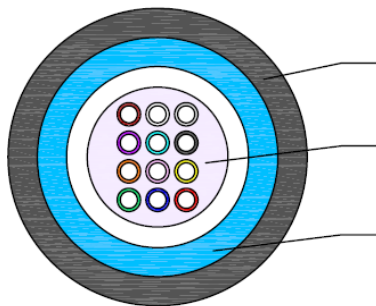


OFC-22X002-MBE to OFC-24X024-MBE

Applications

Backbone Cabling, Telecommunication and Data, and Secondary distribution applications.

Cross Section Drawing



Black HDPE Outer Sheath, UV Stable
(Other Colours Available on Request)

Gel Filled PBT Loose Tube with Optical Fibres

Water Blocking E-glass Yarn

Design

Unit	Properties
Fibre	Jelly Filled PBT Loose Tube with Optical Fibres
Strength Member	Water blocking E-Glass Yarn
Sheath Material	UV Stable Low Density Polyethylene (LDPE)
Sheath Colour	Black as Standard
Standard Put Up Length	2000 meters
Packaging Details	Wooden Drum

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Physical Characteristics

Fibre Count	Max. Fibre per tube	Loose Tube Diameter (mm)	Cable OD (mm)	Cable Weight (Kg/km)	Operating Temperature (°C)
2	12	2.5	5.4	27.0	-20 to +70
4					
6					
8					
12					
24	24	3.0	5.8	30.5	

Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
2	1100	2000N / 10cm	3 Impacts (W/20N.m)	15xOD
4				
6				
8				
12				
24				

Colour Coding Scheme

Fibre Colour 1	2	3	4	5	6	7	8	9	10	11	12
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Pink
Fibre Colour 13	14	15	16	17	18	19	20	21	22	23	24
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Pink
Fibre 13-24 with a Black Ring,											

Reference Standards

ITU-T G652
IEC60304
IEC 60794-1-2
RoHS directives

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Ordering Information

Unit	Properties
OFC-229002-MBE	Central Loose Tube Cable 2- fibre PE G652D
OFC-229004-MBE	Central Loose Tube Cable 4- fibre PE G652D
OFC-229006-MBE	Central Loose Tube Cable 6- fibre PE G652D
OFC-229008-MBE	Central Loose Tube Cable 8- fibre PE G652D
OFC-229012-MBE	Central Loose Tube Cable 12- fibre PE G652D
OFC-229024-MBE	Central Loose Tube Cable 24- fibre PE G652D
OFC-227002-MBE	Central Loose Tube Cable 2- fibre PE G657A1
OFC-227004-MBE	Central Loose Tube Cable 4- fibre PE G657A1
OFC-227006-MBE	Central Loose Tube Cable 6- fibre PE G657A1
OFC-227008-MBE	Central Loose Tube Cable 8- fibre PE G657A1
OFC-227012-MBE	Central Loose Tube Cable 12- fibre PE G657A1
OFC-227024-MBE	Central Loose Tube Cable 24- fibre PE G657A1
OFC-221002-MBE	Central Loose Tube Cable 2- fibre PE OM1 62.5/125
OFC-221004-MBE	Central Loose Tube Cable 4- fibre PE OM1 62.5/125
OFC-221006-MBE	Central Loose Tube Cable 6- fibre PE OM1 62.5/125
OFC-221008-MBE	Central Loose Tube Cable 8- fibre PE OM1 62.5/125
OFC-221012-MBE	Central Loose Tube Cable 12- fibre PE OM1 62.5/125
OFC-221024-MBE	Central Loose Tube Cable 24- fibre PE OM1 62.5/125
OFC-222002-MBE	Central Loose Tube Cable 2- fibre PE OM2 50/125
OFC-222004-MBE	Central Loose Tube Cable 4- fibre PE OM2 50/125
OFC-222006-MBE	Central Loose Tube Cable 6- fibre PE OM2 50/125
OFC-222008-MBE	Central Loose Tube Cable 8- fibre PE OM2 50/125
OFC-222012-MBE	Central Loose Tube Cable 12- fibre PE OM2 50/125
OFC-222024-MBE	Central Loose Tube Cable 24- fibre PE OM2 50/125
OFC-223002-MBE	Central Loose Tube Cable 2- fibre PE OM3 50/125
OFC-223004-MBE	Central Loose Tube Cable 4- fibre PE OM3 50/125
OFC-223006-MBE	Central Loose Tube Cable 6- fibre PE OM3 50/125
OFC-223008-MBE	Central Loose Tube Cable 8- fibre PE OM3 50/125
OFC-223012-MBE	Central Loose Tube Cable 12- fibre PE OM3 50/125
OFC-223024-MBE	Central Loose Tube Cable 24- fibre PE OM3 50/125
OFC-224002-MBE	Central Loose Tube Cable 2- fibre PE OM4 50/125
OFC-224004-MBE	Central Loose Tube Cable 4- fibre PE OM4 50/125
OFC-224006-MBE	Central Loose Tube Cable 6- fibre PE OM4 50/125
OFC-224008-MBE	Central Loose Tube Cable 8- fibre PE OM4 50/125
OFC-224012-MBE	Central Loose Tube Cable 12- fibre PE OM4 50/125
OFC-224024-MBE	Central Loose Tube Cable 24- fibre PE OM4 50/125