

Fibre Optical Multi Loose Tube Micro Cable 480F to 864F

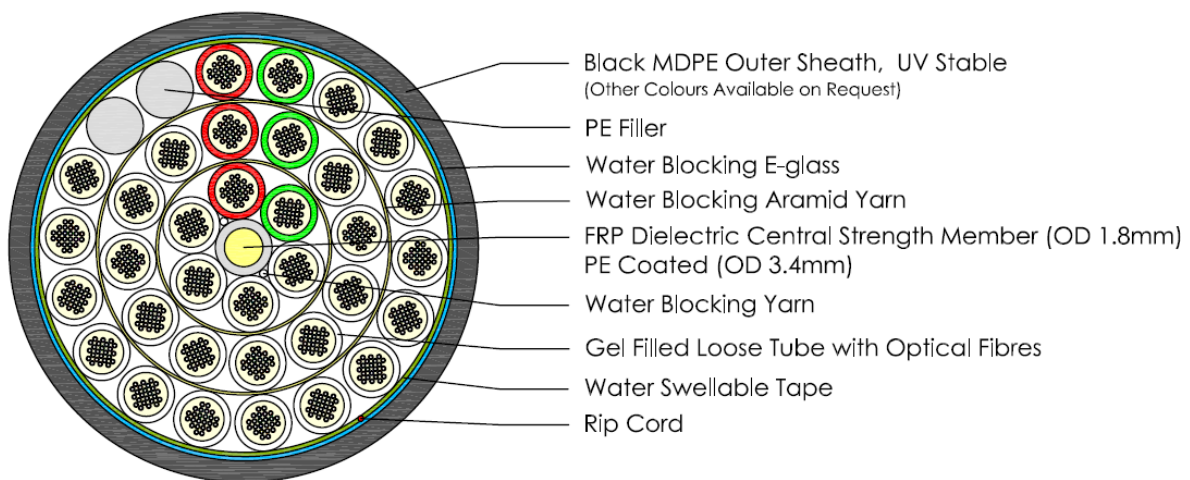


OFC-22X480-LBM to OFC-22X864-LBM

Applications

Building interconnection, Backbone networks and Telecommunication applications installed by blowing technique.

Structural Drawing



Design

Unit	Properties
Fibre	Jelly Filled Loose Tube with Optical Fibre
Strength Member	Fibre Reinforced Dielectric Central Strength Member (FRP) PE Coated
Waterblocking Agent – CSM	Water Blocking Yarn
Waterblocking Agent – Cable Core	Water Blocking Yarn around each layer
Tape	Water Swellable tape
Waterblocking Agent – Cable Unit	Water blocking E-Glass
Ripcord	Yes
Sheath Material	UV Stable Medium Density Polyethylene (MDPE)
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	No of Tubes/ Fillers	Fibres per tube	Loose tube Diameter (mm)	FRP OD (mm)	Cable OD (mm)	Cable Weight (Kg/km)	Operating Temperature (°C)
480	20/16	24	3.0	1.8/3.4	26.2	495	-30 to +70
576	24/12						
672	28/8						
768	32/4						
864	36/0						

Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
480	4700	2000N / 10cm	3 Impacts (W/10N.m)	20xOD
576				
672				
768				
864				

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, * with a white ring											
Tube Colour											
1st Layer	Red	Green	White	White	White	White	White	White	White	White	White
2nd Layer	Red	Green	White	White	White	White	White	White	White	White	White
3rd Layer	Red	Green	White	White	White	White	White	White	White	White	White

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Reference Standards

ITU-T G652 , ITU-T G657
IEC60304
IEC 60794-1-2
RoHS directives

Ordering Information

Partnumber	Description
OFC-229480-LBM	Multi Loose Tube Micro Cable 480- fibre PE G652D
OFC-229576-LBM	Multi Loose Tube Micro Cable 576- fibre PE G652D
OFC-229672-LBM	Multi Loose Tube Micro Cable 672- fibre PE G652D
OFC-229768-LBM	Multi Loose Tube Micro Cable 768- fibre PE G652D
OFC-229864-LBM	Multi Loose Tube Micro Cable 864- fibre PE G652D
OFC-227480-LBM	Multi Loose Tube Micro Cable 480- fibre PE G657A1
OFC-227576-LBM	Multi Loose Tube Micro Cable 576- fibre PE G657A1
OFC-227672-LBM	Multi Loose Tube Micro Cable 672- fibre PE G657A1
OFC-227768-LBM	Multi Loose Tube Micro Cable 768- fibre PE G657A1
OFC-227864-LBM	Multi Loose Tube Micro Cable 864- fibre PE G657A1
OFC-221480-LBM	Multi Loose Tube Micro Cable 480- fibre PE OM1 62.5/125
OFC-221576-LBM	Multi Loose Tube Micro Cable 576- fibre PE OM1 62.5/125
OFC-221672-LBM	Multi Loose Tube Micro Cable 672- fibre PE OM1 62.5/125
OFC-221768-LBM	Multi Loose Tube Micro Cable 768- fibre PE OM1 62.5/125
OFC-221864-LBM	Multi Loose Tube Micro Cable 864- fibre PE OM1 62.5/125
OFC-222480-LBM	Multi Loose Tube Micro Cable 480- fibre PE OM2 50/125
OFC-222576-LBM	Multi Loose Tube Micro Cable 576- fibre PE OM2 50/125
OFC-222672-LBM	Multi Loose Tube Micro Cable 672- fibre PE OM2 50/125
OFC-222768-LBM	Multi Loose Tube Micro Cable 768- fibre PE OM2 50/125
OFC-222864-LBM	Multi Loose Tube Micro Cable 864- fibre PE OM2 50/125
OFC-223480-LBM	Multi Loose Tube Micro Cable 480- fibre PE OM3 50/125
OFC-223576-LBM	Multi Loose Tube Micro Cable 576- fibre PE OM3 50/125
OFC-223672-LBM	Multi Loose Tube Micro Cable 672- fibre PE OM3 50/125
OFC-223768-LBM	Multi Loose Tube Micro Cable 768- fibre PE OM3 50/125
OFC-223864-LBM	Multi Loose Tube Micro Cable 864- fibre PE OM3 50/125
OFC-224480-LBM	Multi Loose Tube Micro Cable 480- fibre PE OM4 50/125
OFC-224576-LBM	Multi Loose Tube Micro Cable 576- fibre PE OM4 50/125
OFC-224672-LBM	Multi Loose Tube Micro Cable 672- fibre PE OM4 50/125
OFC-224768-LBM	Multi Loose Tube Micro Cable 768- fibre PE OM4 50/125
OFC-224864-LBM	Multi Loose Tube Micro Cable 864- fibre PE OM4 50/125