

# Fibre Optical Multi Loose Tube Micro Cable 24F to 96F

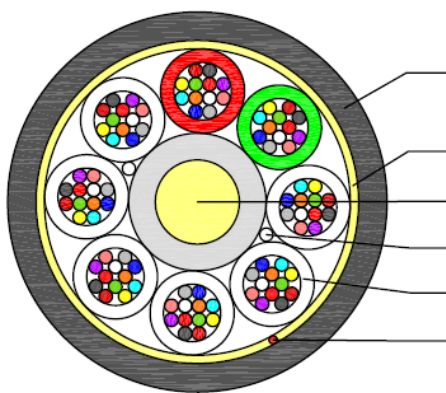


OFC-22X024-LBM to OFC-22X096-LBM

## Applications

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

## Structural Drawing



- Black HDPE Outer Sheath, UV Stable  
(Other Colours Available on Request)
- Water Blocking Aramid Yarn
- FRP Central Strength Member (OD 2.5mm)
- Water Blocking Yarn
- Gel Filled PBT Loose Tube with Optical Fibres
- Rip Cord

## Design

Unit	Properties
Fibre	Jelly Filled Loose Tube with Optical Fibre
Strength Member	Fibre Reinforced Central Strength Member (FRP) PE Coated above 72F
Waterblocking Agent – CSM	Water Blocking Yarn
Waterblocking Agent – Cable Core	Water Blocking Yarn
Ripcord	Yes
Sheath Material	UV Stable High Density Polyethylene (HDPE)
Sheath Colour	Black as Standard
Standard Put Up Length	2000,4000,6000 or 8000 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)	CSM OD (mm)	CSM PE Coated	Cable OD (mm)	Cable Weight (Kg/km)	Operating Temperature (°C)
24	2/3	12	1.5	1.0	No	5.0	22	-30 to +70
36	3/2							
48	4/1							
60	5/0			1.7				
72	6/0							
96	8/0				1.7/2.5	Yes	6.5	

## Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
24	500	1500N / 10cm	3 Impacts (W/15N.m)	15xOD
36				
48				
60				
72	1000			
96	2000			

## 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											
Red	Green	White	White	White	White	White	White	White	White	White	White

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## OFC-22X024-LBM to OFC-22X096-LBM

### Reference Standards

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

### Ordering Information

Partnumber	Description
OFC-229024-LBM	Multi Loose Tube Micro Cable 24- fibre G652D PE
OFC-229036-LBM	Multi Loose Tube Micro Cable 36- fibre G652D PE
OFC-229048-LBM	Multi Loose Tube Micro Cable 48- fibre G652D PE
OFC-229060-LBM	Multi Loose Tube Micro Cable 60- fibre G652D PE
OFC-229072-LBM	Multi Loose Tube Micro Cable 72- fibre G652D PE
OFC-229096-LBM	Multi Loose Tube Micro Cable 96- fibre G652D PE
OFC-227024-LBM	Multi Loose Tube Micro Cable 24- fibre G657A1 PE
OFC-227036-LBM	Multi Loose Tube Micro Cable 36- fibre G657A1 PE
OFC-227048-LBM	Multi Loose Tube Micro Cable 48- fibre G657A1 PE
OFC-227060-LBM	Multi Loose Tube Micro Cable 60- fibre G657A1 PE
OFC-227072-LBM	Multi Loose Tube Micro Cable 72- fibre G657A1 PE
OFC-227096-LBM	Multi Loose Tube Micro Cable 96- fibre G657A1 PE
OFC-221024-LBM	Multi Loose Tube Micro Cable 24- fibre OM1 62.5/125 PE
OFC-221036-LBM	Multi Loose Tube Micro Cable 36- fibre OM1 62.5/125 PE
OFC-221048-LBM	Multi Loose Tube Micro Cable 48- fibre OM1 62.5/125 PE
OFC-221060-LBM	Multi Loose Tube Micro Cable 60- fibre OM1 62.5/125 PE
OFC-221072-LBM	Multi Loose Tube Micro Cable 72- fibre OM1 62.5/125 PE
OFC-221096-LBM	Multi Loose Tube Micro Cable 96- fibre OM1 62.5/125 PE
OFC-222024-LBM	Multi Loose Tube Micro Cable 24- fibre OM2 50/125 PE
OFC-222036-LBM	Multi Loose Tube Micro Cable 36- fibre OM2 50/125 PE
OFC-222048-LBM	Multi Loose Tube Micro Cable 48- fibre OM2 50/125 PE
OFC-222060-LBM	Multi Loose Tube Micro Cable 60- fibre OM2 50/125 PE
OFC-222072-LBM	Multi Loose Tube Micro Cable 72- fibre OM2 50/125 PE
OFC-222096-LBM	Multi Loose Tube Micro Cable 96- fibre OM2 50/125 PE
OFC-223024-LBM	Multi Loose Tube Micro Cable 24- fibre OM3 50/125 PE
OFC-223036-LBM	Multi Loose Tube Micro Cable 36- fibre OM3 50/125 PE
OFC-223048-LBM	Multi Loose Tube Micro Cable 48- fibre OM3 50/125 PE
OFC-223060-LBM	Multi Loose Tube Micro Cable 60- fibre OM3 50/125 PE
OFC-223072-LBM	Multi Loose Tube Micro Cable 72- fibre OM3 50/125 PE
OFC-223096-LBM	Multi Loose Tube Micro Cable 96- fibre OM3 50/125 PE

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## OFC-22X024-LBM to OFC-22X096-LBM

OFC-224024-LBM	Multi Loose Tube Micro Cable 24- fibre OM4 50/125 PE
OFC-224036-LBM	Multi Loose Tube Micro Cable 36- fibre OM4 50/125 PE
OFC-224048-LBM	Multi Loose Tube Micro Cable 48- fibre OM4 50/125 PE
OFC-224060-LBM	Multi Loose Tube Micro Cable 60- fibre OM4 50/125 PE
OFC-224072-LBM	Multi Loose Tube Micro Cable 72- fibre OM4 50/125 PE
OFC-224096-LBM	Multi Loose Tube Micro Cable 96- fibre OM4 50/125 PE