

# Fibre Optical Multi Loose Tube Micro Cable 144F to 288F

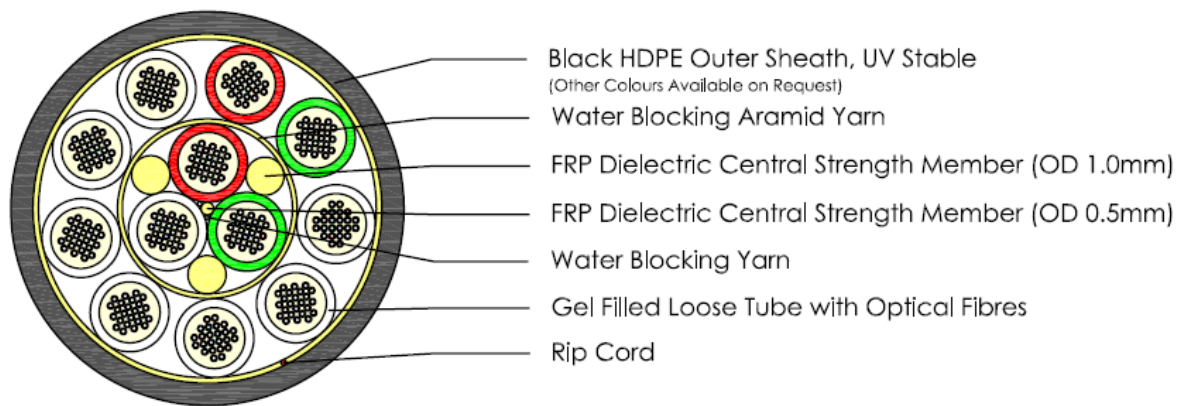


OFC-22X144-LBM to OFC-22X288-LBM

## 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 Strength Member (FRP)
Waterblocking Agent – CSM	Water Blocking Yarn
Waterblocking Agent – Cable Core	Water Blocking Yarn around each layer
Ripcord	Yes
Sheath Material	UV Stable High Density Polyethylene (HDPE)
Sheath Colour	Black as Standard
Standard Put Up Length	2000 or 4000 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.

# Fibre Optical Multi Loose Tube Micro Cable I 44F to 288F



OFC-22XI44-LBM to OFC-22X288-LBM

## Physical Characteristics

Fibre Count	No of Tubes/ Fillers	Fibres per tube	Loose tube Diameter (mm)	FRP OD (mm)	Cable OD (mm)	Cable Weigth (Kg/km)	Operating Temperature (°C)
144	12/0	12	1.5	0.5	7.7	44	-30 to +70
192	16/0			1.0	8.0	53	
216	9/3	24	2.3	1.0/0.5	10.7	87	
288	12/0						

## Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
144	450	1500N / 10cm	3 Impacts (W/15N.m)	15xOD
192	700			
216	1000			
288				

## 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

# Fibre Optical Multi Loose Tube Micro Cable 144F to 288F



OFC-22X144-LBM to OFC-22X288-LBM

## Reference Standards

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

## Ordering Information

Partnumber	Description
OFC-229144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE G652D
OFC-229192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE G652D
OFC-229216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE G652D
OFC-229288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE G652D
OFC-227144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE G657A1
OFC-227192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE G657A1
OFC-227216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE G657A1
OFC-227288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE G657A1
OFC-221144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE OM1 62.5/125
OFC-221192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE OM1 62.5/125
OFC-221216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE OM1 62.5/125
OFC-221288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE OM1 62.5/125
OFC-222096-LBM	Multi Loose Tube Micro Cable 96- FIBRE PE OM2 50/125
OFC-222144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE OM2 50/125
OFC-222192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE OM2 50/125
OFC-222216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE OM2 50/125
OFC-222288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE OM2 50/125
OFC-223144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE OM3 50/125
OFC-223192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE OM3 50/125
OFC-223216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE OM3 50/125
OFC-223288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE OM3 50/125
OFC-224144-LBM	Multi Loose Tube Micro Cable 144- FIBRE PE OM4 50/125
OFC-224192-LBM	Multi Loose Tube Micro Cable 192- FIBRE PE OM4 50/125
OFC-224216-LBM	Multi Loose Tube Micro Cable 216- FIBRE PE OM4 50/125
OFC-224288-LBM	Multi Loose Tube Micro Cable 288- FIBRE PE OM4 50/125