

Fibre Optical Multi Loose Tube Cable, Outdoor 192F & 216F, Corrugated Steel Tape Armour 2.3mm PBT

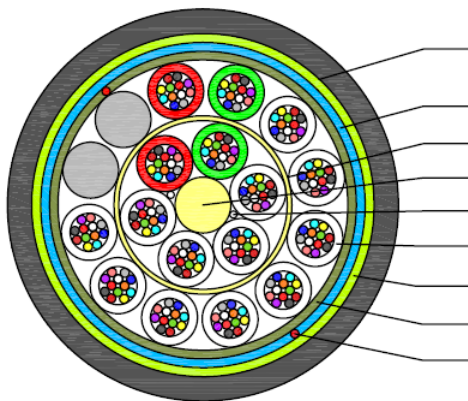


OFC-22X192-LBC to OFC-22X216-LBC

Applications

Building interconnection, Backbone networks, Telecommunication and drop cable applications. This cable has full rodent protection and can be direct buried.

Cross Section Drawing



- Black HDPE Outer Sheath, UV Stable
(Other Colours Available on Request)
- Water Blocking E-glass
- Water Blocking Aramid Yarn
- FRP Dielectric Central Strength Member (OD 2.7mm)
- Water Blocking Yarn
- Gel Filled Loose Tube with Optical Fibres
- Corrugated Steel Tape
- Water-swallowable Yarn
- Rip Cord

Design

Unit	Properties
Fibre	Jelly Filled Loose Tube with Optical Fibre
Strength Member	Fibre Reinforced Central Strength Member (FRP)
Waterblocking Agent – CSM	Water Blocking Yarn
Waterblocking Agent 1st Layer	Water Blocking Aramid Yarn
Waterblocking Agent – Around Cable Core	Water Swallowable Yarn
Tape	Water Blocking E-Glass
Ripcord	Yes
Armour	Corrugated Steel Tape (CST)
Sheath Material	UV Stable High Density Polyethylene (HDPE)
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)	CSM OD (mm)	Cable OD (mm)	Cable Weigth (Kg/km)	Operating Temperature (°C)
192	16/2	12	2.3	2.7	17.5	268	-40 to +70
216	18/0						

Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
192	2400	10KN / 10cm	3 Impacts (W/20N.m)	20xOD
216				

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

Reference Standards

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

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Ordering Information

Partnumber	Description
OFC-229192-LBC	Multi Loose Tube Cable 192- fibre CST PE G652D
OFC-229216-LBC	Multi Loose Tube Cable 216- fibre CST PE G652D
OFC-227192-LBC	Multi Loose Tube Cable 192- fibre CST PE G657A1
OFC-227216-LBC	Multi Loose Tube Cable 216- fibre CST PE G657A1
OFC-221192-LBC	Multi Loose Tube Cable 192- fibre CST PE OM1 62.5/125
OFC-221216-LBC	Multi Loose Tube Cable 216- fibre CST PE OM1 62.5/125
OFC-222192-LBC	Multi Loose Tube Cable 192- fibre CST PE OM2 50/125
OFC-222216-LBC	Multi Loose Tube Cable 216- fibre CST PE OM2 50/125
OFC-223192-LBC	Multi Loose Tube Cable 192- fibre CST PE OM3 50/125
OFC-223216-LBC	Multi Loose Tube Cable 216- fibre CST PE OM3 50/125
OFC-223192-LBC	Multi Loose Tube Cable 192- fibre CST PE OM4 50/125
OFC-223216-LBC	Multi Loose Tube Cable 216- fibre CST PE OM4 50/125