

**Fibre Optical Flex Cable, HFFR**  
**Indoor**  
**Max 144F**

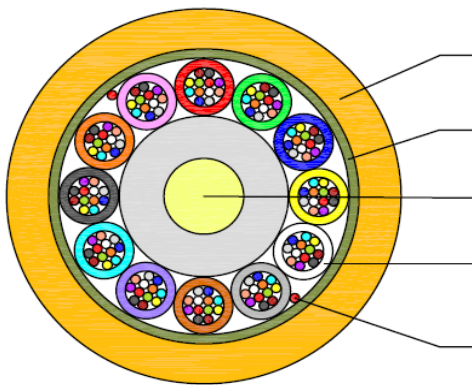


OFC-149048-MFTA to OFC-149144-MFTA

**Applications**

Office Cabling, Datacenter, Fttx and Telecommunication applications.

**Cross Section Drawing**



- Yellow HFFR Outer Sheath  
(Other Sheath Colours Available on Request)
- PP Foil
- Water Blocking Aramid Yarn, HFFR Coated
- Dry Flexible Loose Tube with Optical Fibres
- Rip Cord

**Design**

Unit	Properties
Fibre	Dry Flexible Loose tube with optical fibres
Strength Member	Water Blocking Aramid Yarn, HFFR coated.
Ripcord	Yes
Foil	PP-Foil around cable core
Sheath Material	Halogen Free Flame Retardant (HFFR)
Sheath Colour	SM Yellow
Standard Put Up Length	1000 metres
Packaging Details	Plywood Drum

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

# Fibre Optical Flex Cable, HFFR

## Indoor

### Max 144F



OFC-149048-MFTA to OFC-149144-MFTA

#### Physical Characteristics

Fibre Count	No of Tubes	Fibres per tube	Cable OD (mm)	Cable Weighth (Kg/km)	Operating Temperature (°C)
48	4	12	5.8	23	-5 to +50
60	5		6.0	25	
72	6		6.2	28	
96	8		6.6	40	
144	12		8.5	68	

#### Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Min. Bend Radius
48	250	100N / 10cm	3 Impacts (W/8N.m)	160mm
60				
72				
96				
144				

#### 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

#### Reference Standards

ITU-T G652, ITU-T G657
IEC 60304
IEC 60794-1-2
IEC 60332-3-22 Cat A
IEC 61034
IEC 60754-1 & 2
RoHS directives

**Fibre Optical Flex Cable, HFFR**  
**Indoor**  
**Max 144F**



---

OFC-149048-MFTA to OFC-149144-MFTA

**Ordering Information**

Part Number	Description
OFC-149048-MFTA	Flex Cable 48f G652d HFFR
OFC-149060-MFTA	Flex Cable 60f G652d HFFR
OFC-149072-MFTA	Flex Cable 72f G652d HFFR
OFC-149096-MFTA	Flex Cable 96f G652d HFFR
OFC-149144-MFTA	Flex Cable 144f G652d HFFR