

# Fibre Optical Breakout Cable, HFFR or PUR Sheath

## 2.0mm Subunits

Max 48F

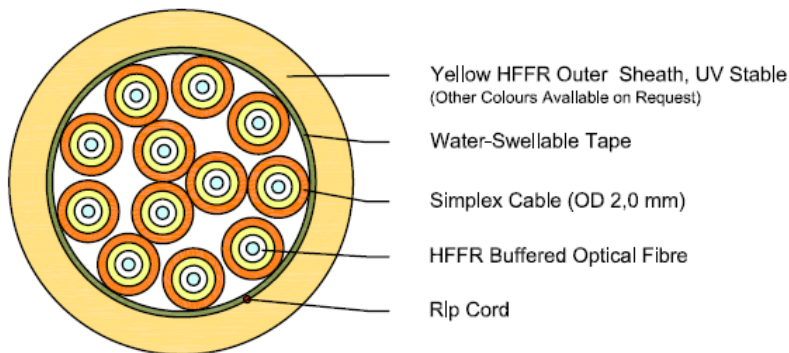


OFC-I 4X004-BTA to OFC-I 4X048-BTA & OFC-I 3X004-BTA to OFC-I 3X048-BTA

### Applications

Office Cabling, Datacenter, Fttx and Telecommunication applications.

### Cross Section Drawing



### Design

Unit	Properties
Fibre	Tight buffered fibre
Strength Member	Aramid Yarns
Sub Unit Sheath Material	Halogen Free Flame Retardant (HFFR)
Tape	Water Swellable Tape around cabled unit
Ripcord	Yes
Sheath Material	UV Stable Halogen Free Flame Retardant (HFFR) or UV Stable Polyurethane (PUR)
Sheath Colour	SM Yellow OM1, OM2 Orange OM3 Turquoise OM4 Purple Hybrid Black
Standard Put Up Length	2000 meters
Packaging Details	Plywood 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	Cable OD (mm)	Cable Weight HFFR (Kg/km)	Cable Weight PUR (Kg/km)	Operating Temperature (°C)
4	7.4	53	42	-20 to +60
6	8.4	70	56	
8	9.7	90	73	
12	10.8	106	85	
16	11.8	131	105	
24	14.3	190	154	
48	18.7	312	252	

### Mechanical Characteristics

Fibre Count	Max. Tensile Strength (N)	Max. Crush Resistance	Impact	Static Bend Radius	Dynamic Bend Radius
4	300N	1000N / 10cm	3 Impacts (W/10N.m)	10xOD	15xOD
6					
8					
12					
16					
24					
48					

### Colour Coding Scheme

Fibre Colour	Buffer Colour	Sub Unit Sheath Colour	Sub Unit Identification
Nature	Nature	As per Fibre type (Yellow, Orange, Turquoise, Purple or Black)	Each simplex printed with sequential numbers

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### Reference Standards

ITU-T G652 , ITU-T G657	IEC60304
IEC 60794-1-2	IEC 50267-1
IEC 50267-2-2	IEC 50267-2-3
IEC 60332-3-22 Cat A	IEC 61034-1 & 2
IEC 60754-1 & 2	RoHS directives

### Ordering Information

Part Number	Description
OFC-149004-BTA	Breakout Tight Buffered Cable 4 - fibre G652D HFFR
OFC-149006-BTA	Breakout Tight Buffered Cable 6 - fibre G652D HFFR
OFC-149008-BTA	Breakout Tight Buffered Cable 8 - fibre G652D HFFR
OFC-149012-BTA	Breakout Tight Buffered Cable 12 - fibre G652D HFFR
OFC-149016-BTA	Breakout Tight Buffered Cable 16 - fibre G652D HFFR
OFC-149024-BTA	Breakout Tight Buffered Cable 24 - fibre G652D HFFR
OFC-149048-BTA	Breakout Tight Buffered Cable 48 - fibre G652D HFFR
OFC-147004-BTA	Breakout Tight Buffered Cable 4 - fibre G657A1 HFFR
OFC-147006-BTA	Breakout Tight Buffered Cable 6 - fibre G657A1 HFFR
OFC-147008-BTA	Breakout Tight Buffered Cable 8 - fibre G657A1 HFFR
OFC-147012-BTA	Breakout Tight Buffered Cable 12 - fibre G657A1 HFFR
OFC-147016-BTA	Breakout Tight Buffered Cable 16 - fibre G657A1 HFFR
OFC-147024-BTA	Breakout Tight Buffered Cable 24 - fibre G657A1 HFFR
OFC-147048-BTA	Breakout Tight Buffered Cable 48 - fibre G657A1 HFFR
OFC-141004-BTA	Breakout Tight Buffered Cable 4 - fibre HFFR OM1 62.5/125
OFC-141006-BTA	Breakout Tight Buffered Cable 6 - fibre HFFR OM1 62.5/125
OFC-141008-BTA	Breakout Tight Buffered Cable 8 - fibre HFFR OM1 62.5/125
OFC-141012-BTA	Breakout Tight Buffered Cable 12 - fibre HFFR OM1 62.5/125
OFC-141016-BTA	Breakout Tight Buffered Cable 16 - fibre HFFR OM1 62.5/125
OFC-141024-BTA	Breakout Tight Buffered Cable 24 - fibre HFFR OM1 62.5/125
OFC-141048-BTA	Breakout Tight Buffered Cable 48 - fibre HFFR OM1 62.5/125
OFC-142004-BTA	Breakout Tight Buffered Cable 4 - fibre HFFR OM2 50/125
OFC-142006-BTA	Breakout Tight Buffered Cable 6 - fibre HFFR OM2 50/125
OFC-142008-BTA	Breakout Tight Buffered Cable 8 - fibre HFFR OM2 50/125
OFC-142012-BTA	Breakout Tight Buffered Cable 12 - fibre HFFR OM2 50/125
OFC-142016-BTA	Breakout Tight Buffered Cable 16 - fibre HFFR OM2 50/125
OFC-142024-BTA	Breakout Tight Buffered Cable 24 - fibre HFFR OM2 50/125
OFC-142048-BTA	Breakout Tight Buffered Cable 48 - fibre HFFR OM2 50/125

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OFC-143004-BTA	Breakout Tight Buffered Cable 4 - fibre HFFR OM3 50/125
OFC-143006-BTA	Breakout Tight Buffered Cable 6 - fibre HFFR OM3 50/125
OFC-143008-BTA	Breakout Tight Buffered Cable 8 - fibre HFFR OM3 50/125
OFC-143012-BTA	Breakout Tight Buffered Cable 12 - fibre HFFR OM3 50/125
OFC-143016-BTA	Breakout Tight Buffered Cable 16 - fibre HFFR OM3 50/125
OFC-143024-BTA	Breakout Tight Buffered Cable 24 - fibre HFFR OM3 50/125
OFC-143048-BTA	Breakout Tight Buffered Cable 48 - fibre HFFR OM3 50/125
OFC-144004-BTA	Breakout Tight Buffered Cable 4 - fibre HFFR OM4 50/125
OFC-144006-BTA	Breakout Tight Buffered Cable 6 - fibre HFFR OM4 50/125
OFC-144008-BTA	Breakout Tight Buffered Cable 8 - fibre HFFR OM4 50/125
OFC-144012-BTA	Breakout Tight Buffered Cable 12 - fibre HFFR OM4 50/125
OFC-144016-BTA	Breakout Tight Buffered Cable 16 - fibre HFFR OM4 50/125
OFC-144024-BTA	Breakout Tight Buffered Cable 24 - fibre HFFR OM4 50/125
OFC-144048-BTA	Breakout Tight Buffered Cable 48 - fibre HFFR OM4 50/125
OFC-139004-BTA	Breakout Tight Buffered Cable 4 - fibre G652D PUR
OFC-139006-BTA	Breakout Tight Buffered Cable 6 - fibre G652D PUR
OFC-139008-BTA	Breakout Tight Buffered Cable 8 - fibre G652D PUR
OFC-139012-BTA	Breakout Tight Buffered Cable 12 - fibre G652D PUR
OFC-139016-BTA	Breakout Tight Buffered Cable 16 - fibre G652D PUR
OFC-139024-BTA	Breakout Tight Buffered Cable 24 - fibre G652D PUR
OFC-139048-BTA	Breakout Tight Buffered Cable 48 - fibre G652D PUR
OFC-137004-BTA	Breakout Tight Buffered Cable 4 - fibre G657A1 PUR
OFC-137006-BTA	Breakout Tight Buffered Cable 6 - fibre G657A1 PUR
OFC-137008-BTA	Breakout Tight Buffered Cable 8 - fibre G657A1 PUR
OFC-137012-BTA	Breakout Tight Buffered Cable 12 - fibre G657A1 PUR
OFC-137016-BTA	Breakout Tight Buffered Cable 16 - fibre G657A1 PUR
OFC-137024-BTA	Breakout Tight Buffered Cable 24 - fibre G657A1 PUR
OFC-137048-BTA	Breakout Tight Buffered Cable 48 - fibre G657A1 PUR
OFC-131004-BTA	Breakout Tight Buffered Cable 4 - fibre PUR OM1 62.5/125
OFC-131006-BTA	Breakout Tight Buffered Cable 6 - fibre PUR OM1 62.5/125
OFC-131008-BTA	Breakout Tight Buffered Cable 8 - fibre PUR OM1 62.5/125
OFC-131012-BTA	Breakout Tight Buffered Cable 12 - fibre PUR OM1 62.5/125
OFC-131016-BTA	Breakout Tight Buffered Cable 16 - fibre PUR OM1 62.5/125
OFC-131024-BTA	Breakout Tight Buffered Cable 24 - fibre PUR OM1 62.5/125
OFC-131048-BTA	Breakout Tight Buffered Cable 48 - fibre PUR OM1 62.5/125

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OFC-132004-BTA	Breakout Tight Buffered Cable 4 - fibre PUR OM2 50/125
OFC-132006-BTA	Breakout Tight Buffered Cable 6 - fibre PUR OM2 50/125
OFC-132008-BTA	Breakout Tight Buffered Cable 8 - fibre PUR OM2 50/125
OFC-132012-BTA	Breakout Tight Buffered Cable 12 - fibre PUR OM2 50/125
OFC-132016-BTA	Breakout Tight Buffered Cable 16 - fibre PUR OM2 50/125
OFC-132024-BTA	Breakout Tight Buffered Cable 24 - fibre PUR OM2 50/125
OFC-132048-BTA	Breakout Tight Buffered Cable 48 - fibre PUR OM2 50/125
OFC-133004-BTA	Breakout Tight Buffered Cable 4 - fibre PUR OM3 50/125
OFC-133006-BTA	Breakout Tight Buffered Cable 6 - fibre PUR OM3 50/125
OFC-133008-BTA	Breakout Tight Buffered Cable 8 - fibre PUR OM3 50/125
OFC-133012-BTA	Breakout Tight Buffered Cable 12 - fibre PUR OM3 50/125
OFC-133016-BTA	Breakout Tight Buffered Cable 16 - fibre PUR OM3 50/125
OFC-133024-BTA	Breakout Tight Buffered Cable 24 - fibre PUR OM3 50/125
OFC-133048-BTA	Breakout Tight Buffered Cable 48 - fibre PUR OM3 50/125
OFC-134004-BTA	Breakout Tight Buffered Cable 4 - fibre PUR OM4 50/125
OFC-134006-BTA	Breakout Tight Buffered Cable 6 - fibre PUR OM4 50/125
OFC-134008-BTA	Breakout Tight Buffered Cable 8 - fibre PUR OM4 50/125
OFC-134012-BTA	Breakout Tight Buffered Cable 12 - fibre PUR OM4 50/125
OFC-134016-BTA	Breakout Tight Buffered Cable 16 - fibre PUR OM4 50/125
OFC-134024-BTA	Breakout Tight Buffered Cable 24 - fibre PUR OM4 50/125
OFC-134048-BTA	Breakout Tight Buffered Cable 48 - fibre PUR OM4 50/125