

Fibre Optical Tight Buffered Duplex Cable, HFFR

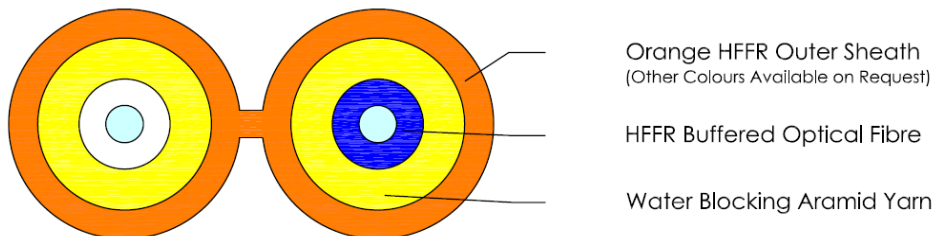


OFC-14X002-BTA-16 to OFC-14X002-BTA-28

Applications

Short Run Office Cabling, Datacenter, Fttx and Telecommunication applications indoor.

Cross Section Drawing



Design

Unit	Properties
Fibre	Tight buffered fibre
Strength Member	Water Blocking Aramid Yarn
Ripcord	No
Sheath Material	Halogen Free Flame Retardant (HFFR)
Sheath Colour	SM Yellow OM1, OM2 Orange OM3 Turquoise OM4 Purple
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 (Kg/km)	Operating Temperature (°C)
2	1.8 x 3.4	8	-5 to +50
	2.0 x 4.3	10	
	2.8 x 5.9	17.5	

Mechanical Characteristics

Fibre Count	Cable OD (mm)	Max. Tensile Strength	Max. Crush Resistance (cm)	Impact	Min Bend Radius
2	1.8	200N	1000N / 10cm	3 Impacts (W/2N.m)	10xOD
	2.0				
	2.8	500N		3 Impacts (W/4N.m)	

Colour Coding Scheme

Fibre Colour 1	2	3	4	5	6	7	8	9	10	11	12
Nature	Blue	/	/	/	/	/	/	/	/	/	/

Reference Standards

ITU-T Rec. G652, 657	IEC 60754-1 & 2
IEC 60304	EN 50267-1
IEC 60794-1 & 2	EN 50267-2-2 & 3
IEC 60332-3-22 Cat A	RoHS directives
IEC 61034-1 & 2	

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Ordering Information

Part Number	Description
OFC-149002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm G652D
OFC-149002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm G652D
OFC-149002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm G652D
OFC-147002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm G657A1
OFC-147002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm G657A1
OFC-147002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm G657A1
OFC-141002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm OM1 62..5/125
OFC-141002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm OM1 62..5/125
OFC-141002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm OM1 62..5/125
OFC-142002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm OM2 50/125
OFC-142002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm OM2 50/125
OFC-142002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm OM2 50/125
OFC-143002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm OM3 50/125
OFC-143002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm OM3 50/125
OFC-143002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm OM3 50/125
OFC-144002-BTA-16	Tight Buffered Duplex (ZIP) Cable 1.8mm OM4 50/125
OFC-144002-BTA-20	Tight Buffered Duplex (ZIP) Cable 2.0mm OM4 50/125
OFC-144002-BTA-28	Tight Buffered Duplex (ZIP) Cable 2.8mm OM4 50/125