

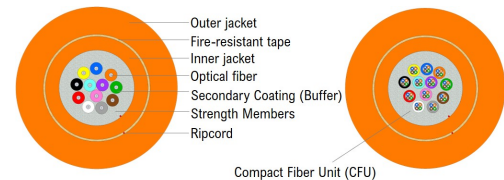
Fire Resistant Distribution cable

Description:

Fire Resistant Distribution cable

Rev. 0209-21/12

The cable is suitable for indoor or outdoor use. Cable is possible installing as connection between building or distribution boxes in ducts or as riser cable in places where is required functionality in the fire



Specifications:

Fiber count	4, 6, 8, 12, 16, 24, 48
Fiber Type	G.657.A1, G.657.A2, OM1, OM2, OM2+, OM3, OM4, OM5
Buffer diameter	0,9 mm
Buffer material	UV curable acrylate. Under the outer layer is very thin layer of gel for the better stripability
Fiber colour	Natural
Buffers colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
CFU diameter	0.9 mm
CFU material	UV curable acrylate. Under the outer layer is very thin layer of gel for the better stripability
Fibers color	Blue, Orange, Green, Brown
CFU colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Strength members	Water-swallowable Glass yarns
Inner jacket	Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Inner jacket thickness	1.0 mm
Inner jacket colour	Identical to the outer jacket
Outer jacket	UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Outer jacket thickness	2.0 mm
Outer jacket colour	See Color Codes specification

Maximum tensile loading	See table above		EN 60794-1-21-E1
Max. compressive loading	2000	[N]	EN 60794-1-21-E3
Max. Impact loading	5	[Nm]	EN 60794-1-21-E4
Min. bend radius (not load)	10	[OD]	EN 60794-1-21-E11
Operating temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Storage temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Installation temperature range	-5 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end	EN 60794-1-22-F5	
Class of fire reaction	Eca		EN 13501-6
Circuit Integrity	60 min.		EN 60331

Circuit integrity cable systems under fire conditions	P90-R		
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Ordering code:

Fibre count	Cable Code (Ordering Code)	Construction	Cable outer diameter	Maximum tensile loading	Cable Weight (calc.)
4	OPK-U-DSTF-4(4x0,9)A9GHMH-xx-yy	4x0.9 (Buffer)	10.0 mm	1000 N	108 kg/km
6	OPK-U-DSTF-6(6x0,9)A9GHMH-xx-yy	6x0.9 (Buffer)	10.0 mm	1000 N	110 kg/km
8	OPK-U-DSTF-8(8x0,9)A9GHMH-xx-yy	8x0.9 (Buffer)	11.0 mm	1300 N	127 kg/km
12	OPK-U-DSTF-12(12x0,9)A9GHMH-xx-yy	12x0.9 (Buffer)	11.8 mm	2000 N	146 kg/km
16	OPK-U-DSTF-16(4x0,9)CFUGHMH-xx-yy	4x0.9 (CFU)	10.0 mm	1000 N	109 kg/km
24	OPK-U-DSTF-24(6x0,9)CFUGHMH-xx-yy	6x0.9 (CFU)	10.0 mm	1000 N	111 kg/km
48	OPK-U-DSTF-48(12x0,9)CFUGHMH-xx-yy	12x0.9 (CFU)	11.8 mm	2000 N	149 kg/km
xx - fiber type yy - jacket color					

Marking Method: Ink-Jet

Print legend: OPK -cable type - lot number- length marking per 1 m (customer print legend available on request)

Delivery length: 2000 m \pm 5% on plywood reel or solid wooden non-returnable drum