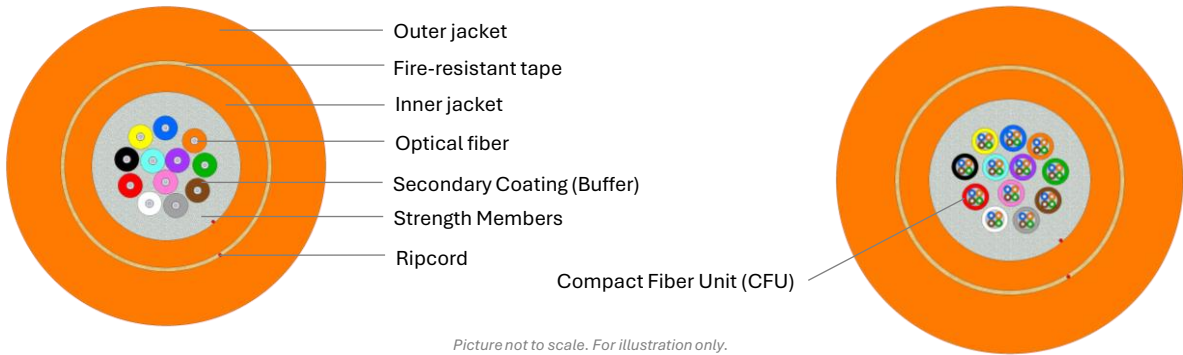


Fire Resistant Distribution Cable

Suitable for Indoor/Outdoor use . Cable is possible installing as connection between building or distribution boxes in duct or as riser cable in places where is required functionality in the fire



Picture not to scale. For illustration only.

Fibre Type	G.657.A1, G.657.A2, OM1, OM2, OM3, OM4, OM5
Fibre colour	EIA/TIA-598A , Natural
Buffer material	UV curable acrylate. Under the outer layer is very thin layer of gel for the better stripability
Buffer colour	EIA/TIA-598A
CFU material	UV curable acrylate. Under the outer layer is very thin layer of gel for the better stripability
CFU colour	EIA/TIA-598A
Strength members	Water-swellable glass yarns
Inner jacket material	Halogen-free flame-retardant thermoplastic compound
Inner jacket colour	EIA/TIA-598A
Ripcord	2 (1x under inner jacket , 1x under outer jacket)
Outer jacket material	UV resistant Halogen-free flame-retardant thermoplastic compound
Outer jacket colour	EIA/TIA-598A

Number of fibres	4	6	8	12	16	24	48	
Number of fibres in tube	1	1	1	1	4	4	4	
Tube count (layers)	4	6	8	12	4	6	12	
Construction cable	Buffer	Buffer	Buffer	Buffer	CFU	CFU	CFU	
Buffer diameter (mm)	0.9	0.9	0.9	0.9	-	-	-	
CFU diameter (mm)	-	-	-	-	0.9	0.9	0.9	
Cable outer diameter (mm)	10.0	10.0	11.0	11.8	10.0	10.0	11.8	
Inner jacket thickness (mm)				1.0				
Outer jacket thickness (mm)				2.0				
Calc. cable weight (kg/km)	125	126	127	146	126	128	149	
Short-term tensile strength (N)	1000	1000	1300	2000	1000	1000	2000	IEC 60794-1-101
Short-term crush resistance (N/100 mm)				2000				IEC 60794-1-103
Max. impact loading (Nm)				5				IEC 60794-1-104
Min. bend radius not load (OD)				10				IEC 60794-1-111
Operating temperature range (°C)				-40 to +70				IEC 60794-1-201
Storage temperature range (°C)				-40 to +70				IEC 60794-1-201
Installation temperature range (°C)				- 5 to +50				IEC 60794-1-201
Water tightness (1 m / 24 hrs.)				No leakage				IEC 60794-1-205
Class of fire reaction				Eca				EN 50575, EN 13501-6
Circuit integrity cable systems under fire conditions				P90-R				

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
4	OPK-U-DSTF-4(4x0.9)A9GHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
6	OPK-U-DSTF-6(6x0.9)A9GHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
8	OPK-U-DSTF-8(8x0.9)A9GHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
12	OPK-U-DSTF-12(12x0.9)A9GHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
16	OPK-U-DSTF-16(4x0.9)CFUGHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
24	OPK-U-DSTF-24(6x0.9)CFUGHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
48	OPK-U-DSTF-48(12x0.9)CFUGHMH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type , yy – jacket colour (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.