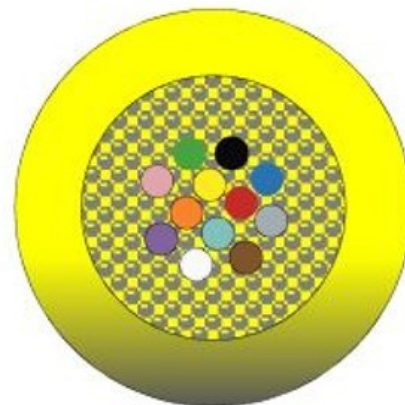


Single-jacket round cable – 12 fibers

Basic characteristic

- Indoor cable for the installation in cable ducts
- Suitable for interconnections
- Suitable for direct MTP termination
- Halogen-free and flame-retardant material (FRNC)



Colour coding

- Colour code fibers (1-12): red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink

Cable parameters

Jacket material	FRNC	
Cable construction	Round cable	
Outer diameter	approx. 3,0mm	
Weight	8 kg/km	
Fire load	0,14 MJ/m	
Fiber type	SM:	OS2 - Corning® SMF-28®
	MM:	OM3 - Corning® ClearCurve®
		OM4 - Corning® ClearCurve®
		OM5 - Corning® ClearCurve®
Temperature range	operation:	-10°C to +70°C
	storage:	-25°C to +70°C
	installation:	-5°C to +50°C

Chemical characteristics

No resistance to oil, petrol, acid and leach
UV-resistance of outer-jacket

Mechanical characteristics

Min. bending radius fixed (static) acc. IEC 60794-1-2 E11A	10 x outside diameter
Min. bending radius during assembly (dynamic) acc. IEC 60794-1-2 E6	15 x outside diameter
Max. tensile force acc. IEC 60794-1-2 E1	300 N

Single-jacket round cable – 12 fibers

Max. crush resistance acc. IEC 60794-1-2 E3, long term		200 N/dm
Max. crush resistance acc. IEC 60794-1-2 E3, short term		600 N/dm
Fire performance		
Cable is flame retardant		acc. to IEC 60332-1-2
Cable is flame retardant	12 fibers:	acc. to IEC 60332-3-24 Cat.C
Smoke density		acc. to IEC 61034
Halogen-free		acc. to IEC 60754-1
Acidity of the combustion gases		acc. to IEC 60754-2
Construction Products Regulation		
Fibers		Fire Class
12		B2ca-s1a, d1, a2

* Specifications are subject to change without notice

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