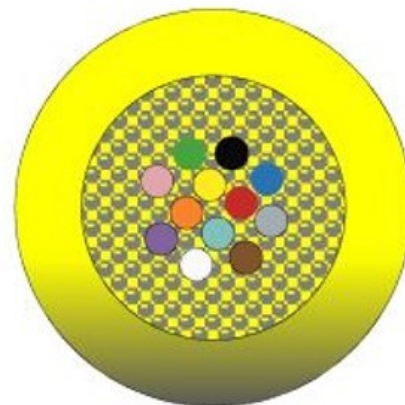


Single-jacket round cable – 12 fibers

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

Ordering code	Inkjet print	Jacket colour
RC-12-OS2-3.0-YE	LSZH B2ca s1a d1 a2 12 x 9/125 OS2 (sequential length in metres), (Reel No.)	Yellow
RC-12-OM3-3.0-AQ	LSZH B2ca s1a d1 a2 12 x 50/125 OM3 (sequential length in metres), (Reel No.)	Aqua
RC-12-OM4-3.0-HV	LSZH B2ca s1a d1 a2 12 x 50/125 OM4 (sequential length in metres), (Reel No.)	Heather Violet
RC-12-OM5-3.0-LG	LSZH B2ca s1a d1 a2 12 x 50/125 OM5 (sequential length in metres), (Reel No.)	Lime Green

* Specifications are subject to change without notice

For more information contact our sales team at sales@sylex.sk