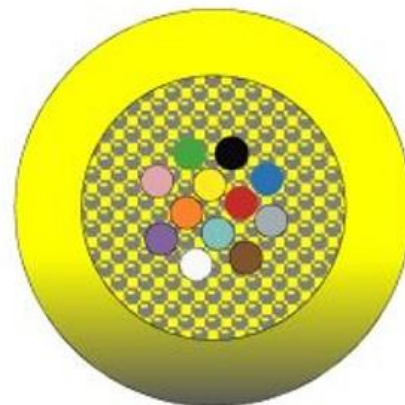


## Single-jacket round cable – 12 to 24 fibers

### 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
- ▲ Colour code fibers (13-24): red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pink (always with black ring marking, except transparent)

### Cable parameters

Jacket material		FRNC
Cable construction		Round cable
Outer diameter	12 fibers:	approx. 3,0mm x 0,45mm
	24 fibers:	approx. 3,8mm x 0,55mm
Weight	12 fibers:	8 kg/km
	24 fibers:	12 kg/km
Fire load	12 fibers:	0,14 MJ/m
	24 fibers:	0,21 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

## Single-jacket round cable – 12 to 24 fibers

### 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 15 x outside diameter

Min. bending radius during assembly (dynamic) acc. IEC 60794-1-2 E6 20 x outside diameter

Max. tensile force acc. IEC 60794-1-2 E1 300 N

Max. crush resistance acc. IEC 60794-1-2 E3, long term 150 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 acc. to IEC 60332-3-22 Cat.A

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	C <sub>ca</sub> -s1a, d1, a2
24	C <sub>ca</sub> -s1a, d1, a1

## Single-jacket round cable – 12 to 24 fibers

Ordering code	Inkjet print	Jacket colour
RC-12-OS2-3.0-YE	LSZH 12 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
RC-12-OM3-3.0-AQ	LSZH 12 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
RC-12-OM4-3.0-HV	LSZH 12 x 50/125 OM4 (length in meters), (Reel No.)	Heather Violet
RC-12-OM5-3.0-LG	LSZH 12 x 50/125 OM5 (length in meters), (Reel No.)	Lime Green
RC-24-OS2-3.8-YE	LSZH 24 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
RC-24-OM3-3.8-AQ	LSZH 24 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
RC-24-OM4-3.8-HV	LSZH 24 x 50/125 OM4 (length in meters), (Reel No.)	Heather Violet
RC-24-OM5-3.8-LG	LSZH 24 x 50/125 OM5 (length in meters), (Reel No.)	Lime Green

\* Specifications are subject to change without notice

For more information contact our sales team at [sales@sylex.sk](mailto:sales@sylex.sk)