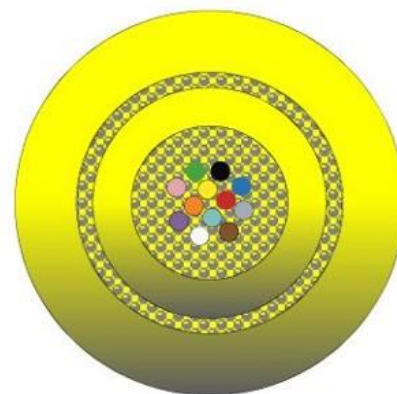


Double-jacket round cable – 12 to 24 fibers

Basic characteristic

- ▲ Indoor cable with two jackets for the installation in cable ducts
- ▲ Suitable for interconnections
- ▲ Suitable for direct MTP termination
- ▲ Halogen-free and flame-retardant material (FRNC)
- ▲ Strain relief elements (aramid)



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. 4,5mm x 0,5mm |
| | 24 fibers: | approx. 5,4mm x 0,6mm |
| Weight | 12 fibers: | 22 kg/km |
| | 24 fibers: | 31 kg/km |
| Fire load | 12 fibers: | 0,41 MJ/m |
| | 24 fibers: | 0,55 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 |

Double-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 1000 N

Max. crush resistance acc. IEC 60794-1-2 E3, long term 300 N/dm

Max. crush resistance acc. IEC 60794-1-2 E3, short term 1200 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 _{ca} -s1a, d1, a2 |
| 24 | C _{ca} -s1a, d1, a1 D _{ca} -s2, d2, a1 |

Double-jacket round cable – 12 to 24 fibers

| Ordering code | Inkjet print | Jacket colour |
|------------------|--------------------------------------------------------|----------------|
| RC-12-OS2-4.5-YE | LSZH 12 x 9/125 OS2 (length in meters), (Reel No.) | Yellow |
| RC-12-OM3-4.5-AQ | LSZH 12 x 50/125 OM3 (length in meters), (Reel No.) | Aqua |
| RC-12-OM4-4.5-HV | LSZH 12 x 50/125 OM4 (length in meters), (Reel No.) | Heather Violet |
| RC-12-OM5-4.5-LG | LSZH 12 x 50/125 OM5 (length in meters), (Reel No.) | Lime Green |
| RC-24-OS2-5.4-YE | LSZH 24 x 9/125 OS2 (length in meters), (Reel No.) | Yellow |
| RC-24-OM3-5.4-AQ | LSZH 24 x 50/125 OM3 (length in meters), (Reel No.) | Aqua |
| RC-24-OM4-5.4-HV | LSZH 24 x 50/125 OM4 (length in meters), (Reel No.) | Heather Violet |
| RC-24-OM5-5.4-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