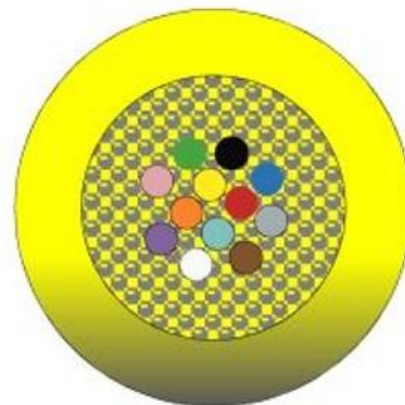


Single-jacket round cable – 24 fibers

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	C _{ca} class	approx. 3,8mm
	B2 _{ca} class	approx. 3,7mm
Weight		12 kg/km
Fire load		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

Chemical characteristics

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

Single-jacket round cable – 24 fibers

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
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	C _{ca} class B2 _{ca} class	acc. to IEC 60332-3-22 Cat.A 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
24	C _{ca} -s1a, d1, a1
24	B2 _{ca} -s1a, d1, a1

Ordering code	Inkjet print	Jacket colour
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