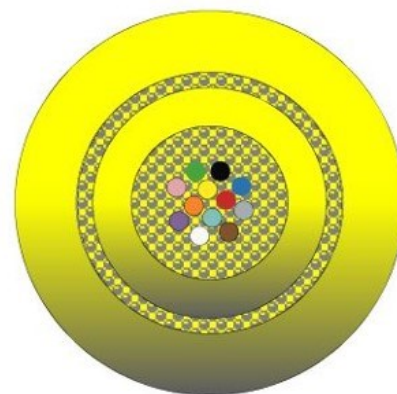


Double-jacket round cable – 12 to 24 fibers

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 / StremX®)



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	B2ca-s1a, d1, a1 Cca-s1a, d1, a2
24	Cca-s1a, d1, a1

Double-jacket round cable – 12 to 24 fibers

Ordering code	Inkjet print	Jacket colour
RC-12-OS2-4.5-YE	LSZH B2ca s1a d1 a1 12 x 9/125 OS2 (sequential length in metres), (Reel No.)	Yellow
RC-12-OM3-4.5-AQ	LSZH B2ca s1a d1 a1 12 x 50/125 OM3 (sequential length in metres), (Reel No.)	Aqua
RC-12-OM4-4.5-HV	LSZH B2ca s1a d1 a1 12 x 50/125 OM4 (sequential length in metres), (Reel No.)	Heather Violet
RC-12-OM5-4.5-LG	LSZH B2ca s1a d1 a1 12 x 50/125 OM5 (sequential length in metres), (Reel No.)	Lime Green
RC-24-OS2-5.4-YE	LSZH Cca s1a d1 a1 24 x 9/125 OS2 (sequential length in metres), (Reel No.)	Yellow
RC-24-OM3-5.4-AQ	LSZH Cca s1a d1 a1 24 x 50/125 OM3 (sequential length in metres), (Reel No.)	Aqua
RC-24-OM4-5.4-HV	LSZH Cca s1a d1 a1 24 x 50/125 OM4 (sequential length in metres), (Reel No.)	Heather Violet
RC-24-OM5-5.4-LG	LSZH Cca s1a d1 a1 24 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 info@ingenium.ro