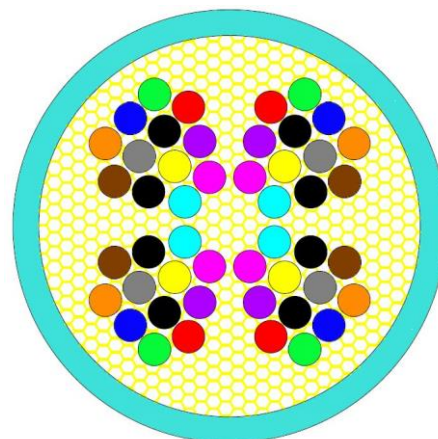


Single-jacket round cable – 48 fibers

Basic characteristic

- ▲ Indoor cable for the installation in cable ducts
- ▲ Suitable for interconnections
- ▲ Suitable for direct MTP termination
- ▲ Halogen-free and flame-retardant material (LSZH)



Colour coding

- ▲ Colour code fibers (1-12 / 13-24 / 25-36 / 37-48): orange, blue, green, brown, grey, white, red, black, yellow, purple, turquoise, pink
- ▲ The fibers are separated using color coded string binders (orange, blue, green, brown).

Cable parameters

Jacket material		LSZH
Cable construction		Round cable
Outer diameter		approx. 4,8mm
Weight		21 kg/km
Fiber type	MM:	OM3 - Bend Insensitive Fiber OM4 - Bend Insensitive Fiber
Temperature range	operation:	-20°C to +70°C
	storage:	-40°C to +70°C
	installation:	-20°C to +60°C

Chemical characteristics

No resistance to oil, petrol, acid and leach

UV-resistance of outer-jacket

Mechanical characteristics

Min. bending radius fixed (static) acc. EIA/TIA 568-A, GR-409-CORE ISSUE 2	10 x outside diameter
Min. bending radius during assembly (dynamic) acc. EIA/TIA 568-A, GR-409-CORE ISSUE 2	15 x outside diameter
Max. tensile force acc. EIA/TIA 568-A, GR-409-CORE ISSUE 2	110 N
Max. crush resistance acc. EIA/TIA 568-A, GR-409-CORE ISSUE 2	3,5 N/mm

Single-jacket round cable – 48 fibers

Fire performance

Cable is flame retardant	acc. to IEC 60332
Smoke density	acc. to IEC 61034
Halogen-free	acc. to IEC 60754

Standard for Test for Flame Propagation

Fibers	Fire Class
48	UL1666 and UL1685

Ordering code	Inkjet print	Jacket colour
RC-48-OM3-4.8-AQ	LSZH 48 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
RC-48-OM4-4.8-MA	LSZH 48 x 50/125 OM4 (length in meters), (Reel No.)	Magenta

* Specifications are subject to change without notice

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