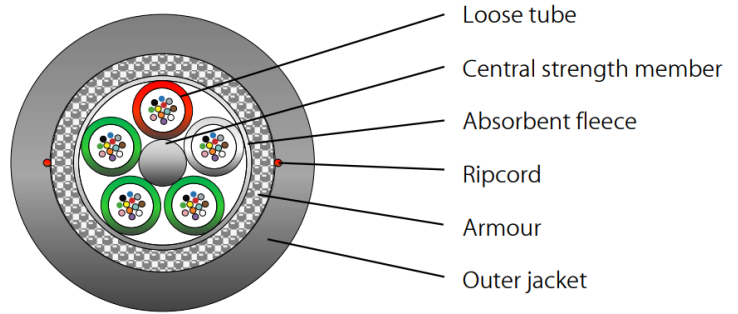


Loose Tube cable – 48 fibers

Basic characteristic

- ▲ For installation indoor and outdoor, in cable ducts, tubes and also suitable for interconnections.
- ▲ Waterproof fiber optic cable with non-metallic rodent protection.
- ▲ Good installation through ripcords to open the jacket.



Colour coding

- ▲ Color code fibers: blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise.
- ▲ Color code tubes: counting tube red, counting direction tube white, other tubes yellow (OS2), green (OM4)

Cable parameters

Jacket material		FRNC
Cable construction		Jelly filled loose tube
Outer diameter	48 fibers:	OD=11,2mm
Weight	48 fibers:	130 kg/km
Fire load	48 fibers:	1,7 MJ/m
Temperature range	operation:	-40°C to +80°C
	storage:	-40°C to +80°C
	installation:	-20°C to +60°C

Loose Tube cable – 48 fibers

Chemical characteristics

No resistance to oil, petrol, acid and leach

Mechanical characteristics

Min. Bending radius [mm] - during installation	230
Min. Bending radius [mm] - installed	170
Max. tensile force acc. Short term/Long term IEC 60794-1-2 E1	5000/1600 N
Max. crush resistance acc. IEC 60794-1-2 E3, long term	3000 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
48	Eca

Ordering code	Inkjet print	Jacket colour
LT-48-OS2-11.2-YE	LEONI - FiberConnect® U-DQ(ZN)BH nxm fiber type Eca DoP:CDERF0000014 (Reel No.), (sequential length in meters)	Yellow
LT-48-OM4-11.2-MA	LEONI - FiberConnect® U-DQ(ZN)BH nxm fiber type Eca DoP:CDERF0000014 (Reel No.), (sequential length in meters)	Magenta
LT-48-OS2-11.2-YE	LEONI - FiberConnect® U-DQ(ZN)BH nxm fiber type Eca DoP:CDERF0000014 (Reel No.), (sequential length in meters)	Yellow
LT-48-OM4-11.2-MA	LEONI - FiberConnect® U-DQ(ZN)BH nxm fiber type Eca DoP:CDERF0000014 (Reel No.), (sequential length in meters)	Magenta

* Specifications are subject to change without notice

For more information contact our sales team at info@ingenium.ro