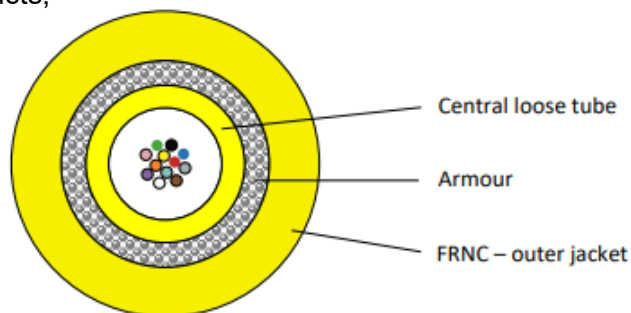


Loose Tube cable – 12 to 24 fibers

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.
- ▲ Suitable for underground laying (direct buried) acc. EN 12225.



Color coding

- ▲ Color code fibers: (1-12) blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise. (13-24) always with black ring marking, except transparent.
- ▲ Color code tube: yellow (OS2), magenta (OM4)

Cable parameters

Jacket material		FRNC
Cable construction		Jelly filled loose tube
Outer diameter	12 fibers:	OD=7,0mm
	24 fibers:	OD=7,5mm
Weight	12 fibers:	55 kg/km
	24 fibers:	60 kg/km
Fire load	12 fibers:	0,71 MJ/m
	24 fibers:	0,79 MJ/m
Temperature range	operation:	-20°C to +60°C
	storage:	-25°C to +70°C
	installation:	-5°C to +50°C

Loose Tube cable – 12 to 24 fibers

Chemical characteristics

No resistance to oil, petrol, acid and leach

Mechanical characteristics

Min. bending radius fixed (static) acc. IEC 60794-1-21 E11A	15 x outside diameter
Min. bending radius during assembly (dynamic) acc. IEC 60794-1-21 E6	20 x outside diameter
Max. tensile force acc. Short term/Long term IEC 60794-1-21 E1	1750/500 N
Max. crush resistance acc. IEC 60794-1-21 E3, long term	1500 N/dm
Max. crush resistance acc. IEC 60794-1-21 E3, short term	3000 N/dm

Fire performance

Cable is flame retardant	acc. to IEC 60332-1-2
Cable is flame retardant	acc. to IEC 60332-3-24 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
12/24	Dca-s2, d2, a1

Ordering code	Inkjet print	Jacket colour
LT-12-OS2-7.0-YE	LSZH Dca s2 d2 a1 12 x 9/125 OS2 (sequential length in metres), (Reel No.)	Yellow
LT-12-OM4-7.0-MA	LSZH Dca s2 d2 a1 12 x 50/125 OM4 (sequential length in metres), (Reel No.)	Magenta
LT-24-OS2-7.5-YE	LSZH Dca s2 d2 a1 24 x 9/125 OS2 (sequential length in metres), (Reel No.)	Yellow
LT-24-OM4-7.5-MA	LSZH Dca s2 d2 a1 24 x 50/125 OM4 (sequential length in metres), (Reel No.)	Magenta

* Specifications are subject to change without notice

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