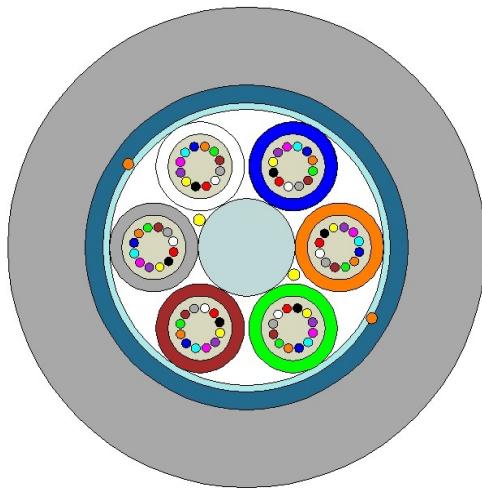


24F 36F 48F 72F 96F 144F Single Armor Single Jacket Cable, LSZH Sheath**Cable Design****IEC/EN 60794-3-10**

- not to scale -

- **Central strength member (CSM):** glass fibre reinforced plastic rod (FRP).
- **Tube:** thermoplastic material, containing up to 12 optical fibres and filled with a suitable water tightness compound.
- **Stranding:** the required number of elements (tubes or fillers) are SZ stranded around the central strength member.
- **Core wrapping:** water swellable tape (dry core).
- **Armour:** corrugated steel tape. 2 ripcords beneath.
- **Outer Sheath:** LSZH.
- Compliant to IEC60332-3-24, IEC60332-1

Technical data

No. of Fibres	24	36, 48, 72	96	144
Design (Elements x Fibres per Tube)	6x6	6x12	8x12	12x12
Outer sheath thickness	mm	1.8	1.8	1.8
Cable Diameter	mm	11.9 nominal	12.3 nominal	13.7 nominal
Cable Weight	kg / km	164	171	209
Min. bending radius	mm	Without Tension 10 x Cable-Ø		Under Maximum Tension 20 x Cable-Ø
Temperature range	°C	Installation -10 -> +60;	Transport. & Storage -40 -> +70 ;	Operation -40-> +70

Please refer to our General Installation, Safety & Handling recommendations before handling.

Main characteristics

Test	Standard	Value	Sanction*
Max. Installation Tension	IEC 60794-1-2-E1	1500N	fibre strain $\leq 0.6\%$, $\Delta\alpha$ reversible
Crush	IEC 60794-1-2-E3	1500N / 100mm	$\Delta\alpha \leq 0.1$ dB (SM), 0.3 dB (MM), cable integrity
Temperature Cycling	IEC 60794-1-2-F1	-40 -> +70°C	$\Delta\alpha \leq 0.1$ dB /km(SM), 0.3 dB /km(MM)
Water Penetration	IEC 60794-1-2-F5C	sample=3m, water=1m	No water leakage after 24 hours

* values for single-mode fibres, all optical measurements performed at 1550 nm.

Optical Characteristics

See the attached cabled optical fibre data sheet.

Loose Tube

LinkPro SLT Armored Cable, LSZH Sheath Big OD.docx

Identification

Fibre Colours

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua

Loose Tube and filler Colours:

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua

All fillers are black.

Sheath Colour:

The outer sheath colour is black.

Sheath Marking:

The outer sheath is marked in 1 meter intervals as follows:

YYYY XXF ARMoured CABLE PE SHEATH XXXXM

Logistic

Packing:

Wooden drums with protection.

Delivery Lengths:

Standard delivery length is 4 km with a tolerance of -5% / +5%.

Loose Tube