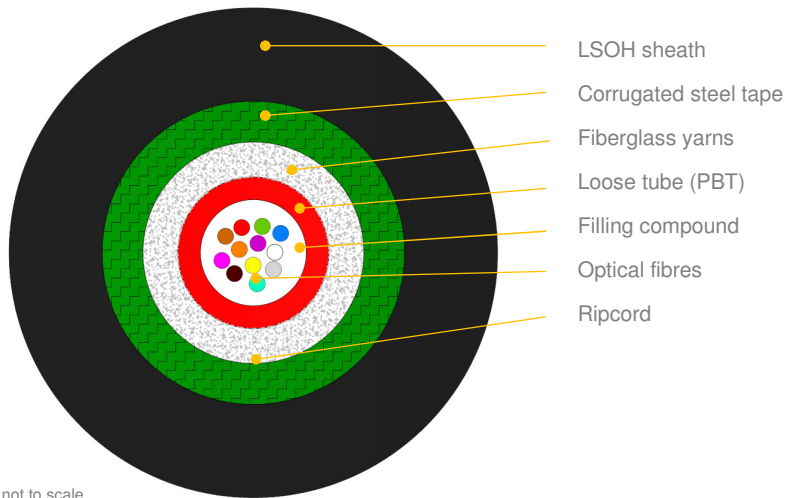


Type:	SSC-T30U LSOH	REV: 0
Issued:	28/09/2021	KP
Project:	079-21	

Single jacket cable with central tube, glass yarn reinforcement, and corrugated steel armouring SSC-T30U



*schematic drawing, not to scale

APPLICATION:

For installation into existing duct or directly buried
Rodent retardant

DESIGN:

Loose tube (PBT Ø 3.0mm) with filing compound
Fibre type: OM2
Fiberglass yarns as strain relief
Corrugated steel tape armouring
LSOH sheath (black or grey by default, other colours available)

CABLE DESIGNS:

Variant	Quantity [pcs]				Ø nominal (±5%) [mm]	Nominal weight (±10%) [kg/km]	Max short term tensile load [N]	Max long term tensile load [N]
	Fibres	Fibres per tube	Total elements	Active tubes				
1T x 2-24F LSOH	2-24	2-24	1	1	7,6	84	1500	750

Other designs on demand

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Crush performance:	3000 [N/10 cm]	IEC 60794-1-21-E3, Δα reversible
Bending radius:	Static: 20 x D Dynamic: 30 x D	IEC 60794-1-21-E6, Δα≤0,05 dB
Water penetration:	3[m] sample, 1[m] head, 24[h]	IEC 60794-1-22-F5, no leakage
Temperature range		IEC 60794-1-22-F1, Δα≤0,05 dB/km
Installation:	-15... +50 [°C]	
Operation:	-40... +55 [°C]	
Transport & Storage:	-40... +60 [°C]	
CPR class	E _{CA}	EN 50575:2014+A1:2016

OPTICAL FIBRE AND LOOSE TUBES COLOUR IDENTIFICATION

For optical fibres and loose tube identification information please see DSH_Colors_CODE_XXXX document.

FIBRE PARAMETERS

For selected post-production optical fibres parameters please see DSH_OFP document.

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MARKING

The following print (inkjet printer) is applied at 1-meter intervals:

WEEK/YEAR FORT FIBRE OTTICHE - COT1-AC/"FIBRE COUNT"MM50/LSZH + "SEQUENTIAL METER MARKING" + LF "BATCH NR." –Class Eca (EU-CPR 305/11)

Example:

38/2019 FORT FIBRE OTTICHE - COT1-AC/24MM50/LSZH 00001m LF 1234/1 –Class Eca (EU-CPR 305/11)

The accuracy of marking is $\pm 1\%$. Remarkings is in accordance with Bellcore GR 20 and supersedes earlier markings. Occasional loss of marking is possible. Cables can be supplied with a range of single mode or multimode fibres and customized print.

PACKING

Cables will be shipped on disposable wooden or treated wooden drums. Both ends of the cable will be capped and accessible for testing. Rotation direction arrow will be marked on the drum together with identification information.

DELIVERY LENGTH

2000 meters $\pm 5\%$, with possibility of supplying up to 5% of total contract quantity as short length cables which should be above 1000 meters long. Tolerance of 5 % of order quantity shall be allowed.

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