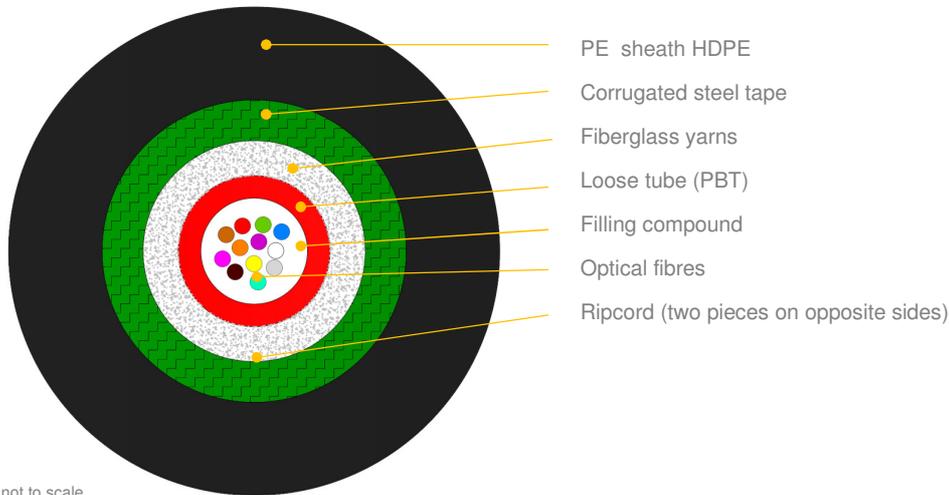


Type:	SSC-T30U	REV: 1.9
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Single jacket, central loose tube cable with glass yarns reinforcement, and corrugated steel armouring - SSC-T30U



*schematic drawing, not to scale

APPLICATION

Installation into existing duct or directly buried
Rodent retardant

DESIGN

Highly resistant, UV stabilized HDPE outer jacket
Corrugated steel tape armouring
Water tightness yarns to prevent moisture into the cable
Central loose tube (3,0 mm) with filling compound and optical fibres

VARIANTS

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	2-24	2-24	1	1	7,6	69	1500

Other fibre counts available on demand

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Crush performance:	3000 [N/10 cm]	IEC 60794-1-21-E3, Δα reversible
Bending radius:	R = 20 x D	IEC 60794-1-21-E6, Δα reversible
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... +55 [°C]	
Operation:	-40... +70 [°C]	
Transport & Storage:	-40... +70 [°C]	

(*) The declared values apply only to cables with single-mode fibres and are given for 1550nm wavelength.

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 (laser or other suitable printing method) is applied at 1-meter intervals:

- Supplier: FIBRAIN
- Standard code (Product type, fibre type, fibre count)
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID / Drum No

Example

FIBRAIN SSC-T30U T30 12F SM G657A1 1T12F "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

The accuracy of marking is $\pm 1\%$. Remarking 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 are shipped on disposable wooden or treated wooden drums. Both ends of the cable are capped and at least one is accessible for testing. Identification information are placed on a drum. Typical spool length is 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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