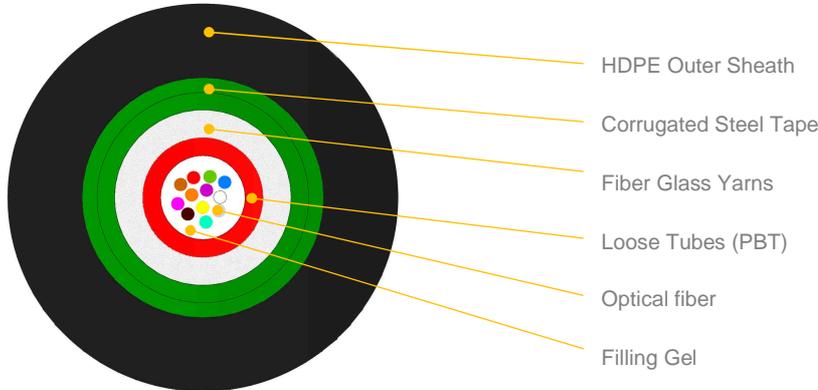


Type:	DBP-CT	REV: 2
Issued:	01/01/2014	SK
Modified:		

Single Jacket Corrugated Steel Armour Central Tube Cable (Rodent Retardant Cable – Direct Burial applications) – DBP series



* not in scale

APPLICATION:

For installation into existing duct or directly buried.
High resistance to traction and compression
Corrugated Steel Armour
Rodent Retardant cable

STRUCTURE AND COMPOSITION:

Fibreglass strength element
Corrugated Steel Armour
Jelly into the loose tube
Loose tube (PBT 2.6, 3,5mm Ø)
HDPE Outer Sheath
Fibreglass yarns as tensile elements.

Construction :

Version	Ø nominal (+/-5%) [mm]	Nominal weight (+/-10%) [kg/km]
1-12F	8.4	84
16-24F	9.3	98

OPTICAL FIBER AND LOOSE TUBES COLOR IDENTIFICATION

The colors of identifications see on **DSH_Colors_CODE_XXXX**

FIBER PARAMETERS

The value of characteristic fibers parameters see on **DSH_OFF**

TECHNICAL AND ENVIRONMENTAL CABLE CHARACTERISTICS

Max. Tensile load short term	EN 187101, IEC 60794-1-2-E1,	2500 N
Max. Tensile load long term	EN 187101, IEC 60794-1-2-E1, no attenuation increase,	1750N
Crush performance	EN 187101, IEC 60794-1-2-E3, no attenuation increase	3000N [N/10 cm]
Bending performance	EN 187101, IEC 60794-1-2-E11, no attenuation increase	10 [cycles (15x D)]
Temperature range Installation	EN 187101, IEC 60794-1-2-F1, no attenuation increase	-15... +55 [°C]
Operation		-40... +70 [°C]
Transport & Storage		-40... +70 [°C]
Water penetration	IEC 60794-1-2-F5,	3mtr sample 1 mtr head for 24 hrs

MARKING

The following printing (white hot foil indentation) is applied at 1-meter intervals.

- Supplier: FIBRAIN
- Standard Code (Product Type, Fiber Type, Fiber Count): Duct SM xx F
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID/ Drum No

Example: FIBRAIN DBP-CT T26 12F SM G652D 1T6F "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

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The accuracy of marking is $\pm 0.5\%$. Occasional loss of printing and remarking is in accordance with Bellcore GR 20 and supersedes earlier markings. Cables can be supplied with a range of single mode or multimode fibers, alternative sheath materials (e.g. MDPE/LSZH) and customized printing.

DRUMS

The cables will be shipped on metal or treated wooden drums, with protective battens around the circumference. The inner and outer ends of the cable will be capped and made accessible for testing. A direction of rotation arrow is marked on the drum together with the identification information.

PACKING

Delivery Length: 2000, 4000, 6000*, 8000* meters $\pm 5\%$, with an allowance of supplying a maximum of 5% of the total contract quantity as short length cable which should be above 1000 meters length. Tolerance of 5 % of on Order Quantity shall be allowed.

*depends from fibers count and construction.

The information is believed to be correct at the time of issue. Fibrain reserves the right to change this specification without prior notice. This specification is not contractually valid unless specifically authorised by Fibrain. Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Terms of Sale of the selling Fibrain subsidiary.

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