

OPTITAP PRECONNECTORISED DROP CABLE[®] prysmian

Product Design

Product code – see tables below



DESIGN & CONSTRUCTION

- The cables are supplied in a coil.
- Terminated with an SC or LC or MPO hardened fibre optic connector (HFOC).
- The cable assembly can be equipped with only one connector at one end, or one connector at both ends.
- Available in a range of lengths from 30M to 500M.
- A range of cable constructions can be used.
- OptiTap®-drop cable.

PRODUCT DESCRIPTION

The Preconnectorised OptiTap®- drop cables are available in various lengths using various cable designs to suit the local market. A variety of connector options are available, including Hardened MPO, LC and SC (OptiTap®-drop cable). Either cable ends can be pre-terminated with hardened connector solutions or standard connectors (SC or LC or MPO).

Connector Specifications - Technical data

Hardened Connectors



Standard Connectors

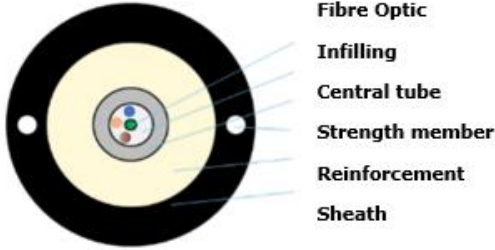


Connector Type	Insertion Loss	Return Loss	Insertion Loss	Return Loss
SC/APC	0.3 dB	60 dB	0.3 dB	60 dB
LC/APC	0.3 dB	60 dB	0.3 dB	60 dB
MPO	0.35 dB	60 dB	0.35 dB	60 dB

OPTITAP PRECONNECTORISED DROP CABLE®

Cable Design

HDPE 5mm OD round cable



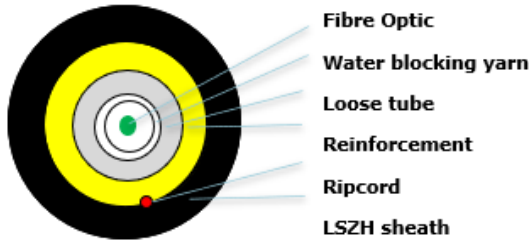
Cable

- **Fibre Type:** single mode G.657A2, 250um fibre optic.
- **Central Tube:** PBT, white.
- **Reinforcement:** Aramid + water resistant glass yarn.
- **Strength Member:** GRP (Glass-fibre Reinforced Polymer).
- **Sheath:** Black UV resistant HDPE.

Technical data

No. of Fibres		1		4	
Loose Tube - Ø	mm	1.5 ± 0.2		2.2 ± 0.2	
Cable Diameter	mm	5.0 ± 0.3			
Cable Weight	Kg/km	27 ± 5			
Minimum Bending Radius	mm	Static 10 x Cable-Ø		Dynamic 20 x Cable-Ø	
Temperature Range	°C	Installation - 5 to + 60	Transport & Storage - 40 to + 70		Operation - 25 to + 70

LSZH 5mm OD round cable



Cable

- **Fibre Type:** single mode G.657A2.
- **Loose Tube:** PBT, white.
- **Ripcord:** Aramid or Polyester
- **Reinforcement:** Aramid + water resistant yarn.
- **Sheath:** Black UV resistant LSZH.

Technical data

No. of Fibres		1		
Loose Tube - Ø	mm	2.0 ± 0.2		
Cable Diameter	mm	5.0 ± 0.3		
Cable Weight	Kg/km	30 ± 5		
Minimum Bending Radius	mm	Static 10 x Cable-Ø		
Temperature Range	°C	Installation - 5 to + 60	Transport & Storage - 40 to + 70	Operation - 25 to + 70

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Part Numbers

Part Number	Length	Cable Type	Connector 1	Connector 2
TBD	50M	LSZH 5mm 1FO	OptiTap®	None
TBD	80M	LSZH 5mm 1FO	OptiTap®	None
TBD	150M	LSZH 5mm 1FO	OptiTap®	None
TBD	220M	LSZH 5mm 1FO	OptiTap®	None
TBD	50M	HDPE 5mm 1FO	OptiTap®	None
TBD	80M	HDPE 5mm 1FO	OptiTap®	None
TBD	150M	HDPE 5mm 1FO	OptiTap®	None
TBD	220M	HDPE 5mm 4FO	OptiTap®	None

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