

Push-Pull HFOC Preconnectorized Drop Cable

Prysmian

A Brand of Prysmian Group

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)
- Available in a range of lengths from 30M to 500M
- A range of cable constructions can be used
- Push-Pull HFOC

Product Description

The Preconnectorised Push-Pull HFOC 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. 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

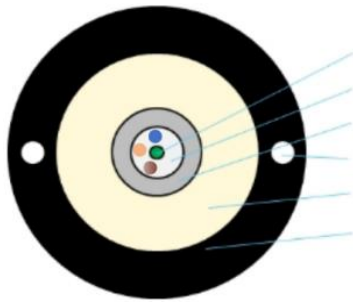


Connector Type	Insertion Loss	Return Loss	Insertion Loss	Return Loss
SC/APC	0.3 dB	60 dB	0.3 dB	60 dB
LC/APC	0.3 dB	60 dB	0.3 dB	60 dB
MPO	0.35 dB	60 dB	0.35 dB	60 dB

Push-Pull HFOC Preconnectorized Drop Cable

Cable Design

HDPE 5mm OD round cable



Fibre Optic

Infilling

Central tube

Strength member

Reinforcement

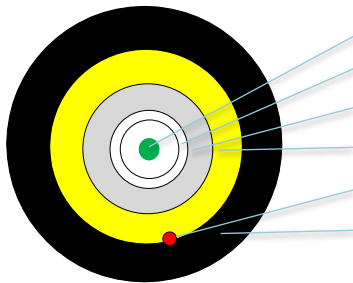
Sheath

- **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	
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



Fibre Optic

Water blocking yarn

Loose tube

Reinforcement

Ripcord

LSZH sheath

- **Fibre Type:** single mode G.657A2
- **Loose Tube:** PBT, white
- **Ripcord:** Aramid or Polyester
- **Reinforcement:** Aramid + Water resistant yarn
- **Sheath:** Black UV 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		Dynamic 20 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

Prysmian Part Number	Length	Cable Type	Connector 1	Connector 2
XPCSC02378	30M	LSZH 5mm 1FO	Push-Pull	SC/APC
XPCSC02379	50M	LSZH 5mm 1FO	Push-Pull	SC/APC
XPCSC02380	100M	LSZH 5mm 1FO	Push-Pull	SC/APC
XPCSC02381	150M	LSZH 5mm 1FO	Push-Pull	SC/APC
XPCSC02382	100M	HDPE 5mm 1FO	Push-Pull	Push-Pull
XPCSC02383	200M	HDPE 5mm 1FO	Push-Pull	Push-Pull
XPCSC02384	300M	HDPE 5mm 1FO	Push-Pull	Push-Pull
XPCSC02385	300M	HDPE 5mm 4FO	Push-Pull MPO	Push-Pull MPO