FTTx External Subscriber Cable

Suited for use in Aerial and MDU Deployments

Features

- Up to 4 Fibres
- Lightweight Self Supporting Tight Buffered Design
- For Aerial or Duct Installation
- ITU-T G.657A2 Bend Insensitive Fibre
- Dry Design with Water Blocking Aramid
- Non-Metallic Cable (ADSS)
- UV Stabilized Jacket

Application

- FTTH Deployments
- Overhead Aerial Deployment
- MDU External Cabling

Design

The Hexatronic FTTx Aerial Drop cable is equally suited for use in Aerial distribution applications and also MDU Deployments. Its High strength abrasion resistant Jacket is ideal for harsh environments. With an outer diameter of just 3mm and lightweight, it allows for effective cable management around buildings and in Distribution Nodes.

Product Information

The cable shall only be installed using approved suspension clamps.

Recommended maximum span length for PIA applications is 68m, taking into account wind loads and 5mm ice coverage, but up to 80m is possible for special cases

Technical Information

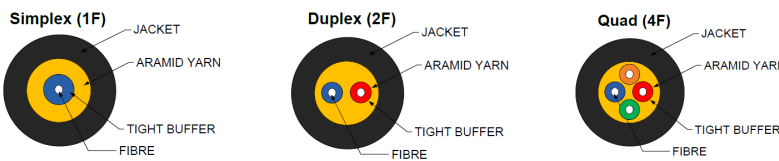|	
Product Color	Black or Brown
Insertion Loss, max [dB]	0.25 dB max
Return Loss, min [dB]	UPC >55 dB, APC >65 dB
Installation Notes	The cable shall only be installed using approved suspension clamps.
	Recommended maximum span length for PIA applications is 68m, taking into account wind loads and 5mm ice coverage, but up to 80m is possible for special cases
	1) General installation length: 15m to 150m
	2) General Span length for Aerial Drop: 15m to 80m

Technical Details

CABLE TYPE

Cable Designation	Fiber Type	Number of Fibers	Buffer Type	Strength Member	Outer Jacket
Drop Cable Outdoor	SMF G.657A2 * G.657B3	1F 2F 4F	Tight-buffer (LSZH PO)	Water Blocking Aramid Yarn	TPU

CABLE DATA

No. of Fiber	Tight Buffer Diameter (μm)	Overall Diameter (mm)	Approx. Cable Weight (kg/km)	Cable Bending Radius (mm)	Max. Tensile Load	
					Installation (N)	Operation (N)
1	900±50	3.0±0.2	8	15	500	200
2	600±50	3.5±0.2	11	20	500	200
4	600±50	3.5±0.2	11	20	500	200

Articles 7

Article name
Drop cable - Simplex - 1F 3.0mm- TPU- Black- 1km box FCAT-CSX-SM7L30-BLK-1K
TIGHT BUFDuplex Black Round OSP Drop cable- G657- 3.5MM Dia- 2x 600uM FCAT-CDX-SM7L35-BLK-01KM
TIGHT BUF- FTTH Indoor/Outdoor Drop Cable 4.8MM FCAT-CDX-SM7L48-BLK-01KM
TIGHT BUF- Quad Black Round OSP Drop cable- G657- 3.5MM Dia- 4x 600uM FCAT-CQX-SM7L35-BLK-01KM
Drop cable - Simplex - 1F 3.0mm- TPU- Brown- 1km box FCAT-CSX-SM7L30-BRN-1K
TIGHT BUF-Duplex Brown Round OSP Drop cable- G657- 3.5MM Dia- 2x 600uM FCAT-CDX-SM7L35-BRN-01KM
TIGHT BUF- Quad Brown Round OSP Drop cable- G657- 3.5MM Dia- 4x 600uM FCAT-CQX-SM7L35-BRN-01KM