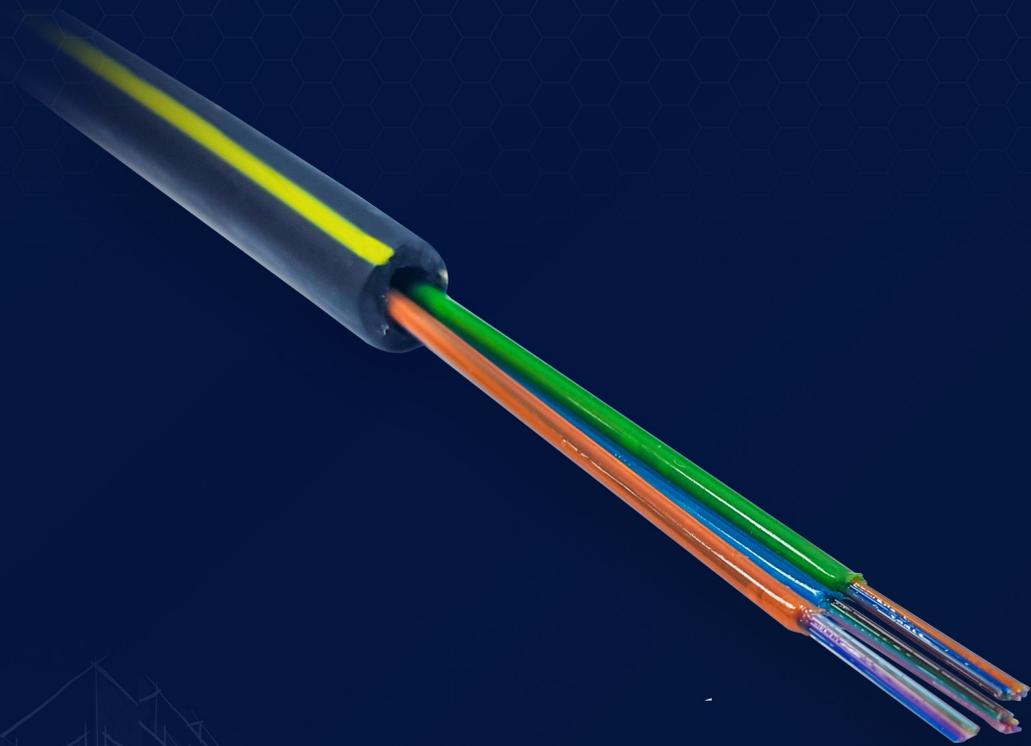


# Ultra-Lightweight Aerial Cable



# Ultra-Lightweight Aerial Cable

## Dielectric 4-48 Fibers

### FEATURES

- Up to 48 fibers
- Super lightweight and durable design based on unique miniature loose tubes
- For aerial installation or duct installations
- Bend resistant G657A1 fibers
- Dry design with longitudinal water tightness
- Suitable for use with a minimum vertical separating distance of 1.8m from 11kv
- Controlled tensile breaking force for maximum security, less than 2000N
- 7mm cable diameter

### DESIGN

The cables are of a loose tube design with bend resistant G657A1 fibres organised in 4 or 12 fibre miniature loose tubes depending on cable fibre count. This design gives an excellent bend performance and an extremely wide operational temperature range. The unique miniature loose tubes also provide superior cable preparation and handling properties both for termination and midspan access scenarios. Water swellable elements are used to make the cable design longitudinally watertight. Two pairs with 3x0.32 mm brass coated steel wires are used as strength members. The design makes it possible to control the breaking force of the cable so that the cable will break only when a certain load is reached.

### APPLICATION

The Hexatronic Ultra-lightweight cable range is designed for aerial installations for fibre access networks. As a secondary application the cables can also be installed underground in ducts. The cables are designed to fulfil all requirements to be installed in the British Telecom overhead and underground environments.





# MSAT Midspan Access Tool

## PRODUCT OVERVIEW

Introducing the new MSAT® 16, an exciting new solution designed to easily size and access fibres in loose tube cables ranging from 1 to 3 mm diameters in mid-span applications.

- Safe, compact & ergonomic design fits comfortably in hand for easy operation without risk of injury.
- 16 unique diameter settings accommodate loose tubes ranging from 1 mm to 3 mm.
- Convenient built-in sizing channels quickly determine proper setting for a wide variety of loose tube cables.
- Patent-pending design features a self-aligning, easy-to-load buffer tube channel that supports & guides the tube through precision shaving operation.
- Rugged polymer construction is lightweight & durable.
- Spring-loaded design eliminates need to lock or clamp tool while in use.
- Fixed stainless steel blades require no adjustments and replace easily.



# FTTx Ultra Lightweight Cable Slitter KIT

## PRODUCT OVERVIEW

- The unique articulating hinge allows accurate end AND mid-span stripping without disassembling the tool — simply close the tool over the cable and pull to slit jacket
- Shielded blades promote safe operation and prevent cuts and lacerations
- Ergonomic design with convenient opening tabs fits comfortably in hand and requires minimal effort to use
- Comes with two installed reversible blades plus two additional replacement blades stowed conveniently in the tool
- Lightweight and durable polymer construction
- Replacement blade kit comes with 4 blades



<b>CABLE ACCESS</b>	Midspan, End
<b>MATERIAL</b>	Impact Resistant
<b>DIMENSIONS</b>	45 x 53 x 96 mm
<b>WEIGHT</b>	110g

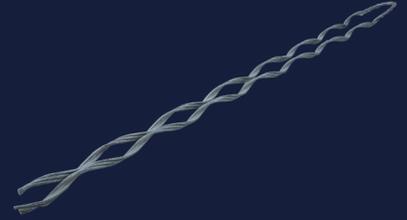
- Handy rubber cable grip designed to hold Hexatronic Aerial Cable during the Cable preparation operation
- Construction from flexible, rubberized material to ensure maximum cable & wire gripping action



## 7MM SPIRAL CLAMP

Hexatronic Aerial Spiral anchors are constructed from hot dipped galvanized steel. This cost-effective fixation method is used for fibre optic cables for short span (180m max).

- PIA Cable Deployments of ULW cable



## FIBRE LOCKING MECHANISM (FLM)

A locking mechanism essential for 'loose' jacketed element or elements in an overhead cable. The FLM provides an effective solution that isolates the termination of the fibres, either spliced or connectorised, in the fibre enclosure from the 'in span' environmental loading (ice and winding).

The FLM attaches to a wooden pole with 4 fixing screws. A number of FLMs can be fitted on a pole in line and is designed to form a 'bridge' over other cables fitted to a pole.



## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
H4036011/12	12 FIBRE, 1X12 (12F)
H4036011/24	24 FIBRE 2X12 (24F)
H4036011/36	36 FIBRE 3X12 (36F)
H4036011/48	48 FIBRE 4X12 (48F)
FOTA-MSAT-16	MSAT MIDSPAN ACCESS TOOL
FOTA-MA01-7020-KIT	FTTX ULTRA LIGHTWEIGHT CABLE SLITTER KIT
FCAX-ASF068-072	7MM SPIRAL CLAMP
FCAX-T0116	FIBRE LOCKING MECHANISM (FLM)

## We offer advice and technical support

Hexatronic are always ready to answer your questions regarding ordering, installation or technical support. Contact us at [info@hexatronic.co.uk](mailto:info@hexatronic.co.uk), or visit [www.hexatronic.co.uk](http://www.hexatronic.co.uk) for general enquiries.

Contact [servicing@hexatronic.co.uk](mailto:servicing@hexatronic.co.uk) for servicing enquiries.

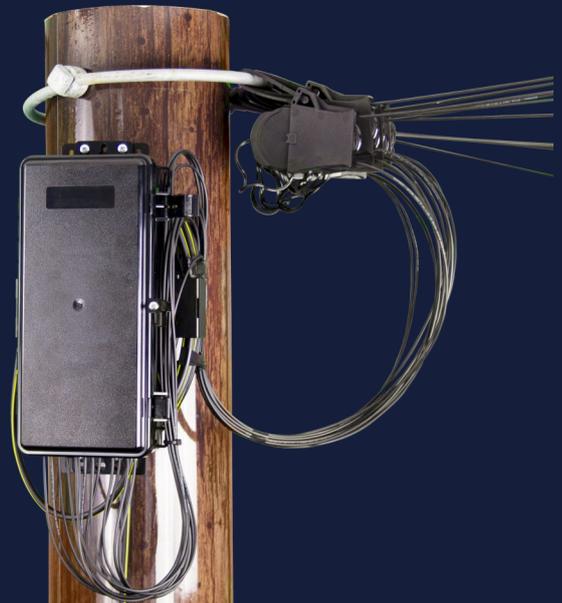
## Aerial Subscriber Node (ASN)

The Aerial Subscriber Node is a compact and secure solution for installing pre-terminated drop cables for FTTX applications.

The Node is developed to provide a separation between network build and the customer drop. Housing the drop connectors within the Aerial node ensures that optical connectivity is both cost effective and secure.

Optimised for fast deployment, the closure can be supplied as standalone unit ready for splicing or as a Pre-tailed closure ready for faster rollouts.

Pre-terminated connectorised drop cables can then be installed at a later date without the risk of access to the delicate 250um fibres. Up to 24 drop cable customer connections can be offered from a single enclosure.



View our website to see more!

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