

Telecoms Fibre Cable Brochure

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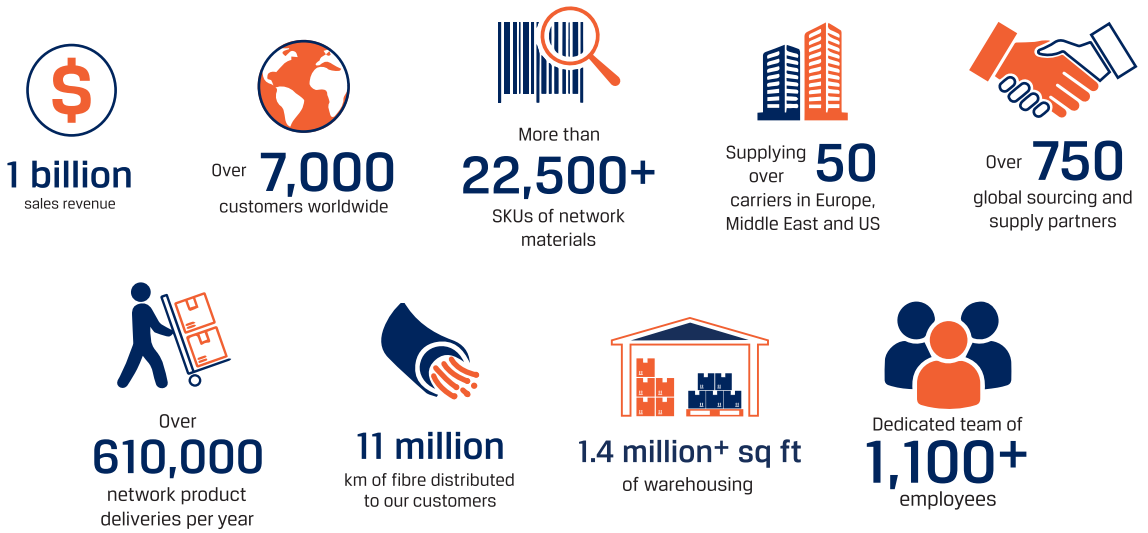
Welcome



Founded in 1978 and acquired by ETC Group in 2020, Comtec is the UK's largest value-added distributor of telecom and IP equipment to both the carrier and enterprise markets.

Our Managed Services solution meets long-term supply chain requirements for operators and contractors whilst our Product Distribution solution meets the same or next day delivery requirements for operators, network installers and their subcontractors.

ETC's operations span France, the United States, Portugal, Israel, the Dominican Republic, the UK, the Middle East, Far East, and Northwest Africa.



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Stock and Availability

We carry a significant stock holding with every product selected for its quality, performance and value and, because we manage our own distribution centre, products are delivered to you without delay.

Easy Ordering

We're on hand Monday to Friday between 8.00am and 6.00pm to take your order, confirm price and delivery details. Orders can also be placed online at www.comtecdirect.co.uk

Delivery

Next day delivery to UK Mainland is guaranteed for all orders placed by 5.30pm* (excluding cable cutting and cabinets) and is Free of Charge on orders over £150*. For timed deliveries and export sales please speak to our sales team.

* Some exclusions apply.

Full details available online.

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Cable cutting services are available until 4.30pm where next day delivery is requested (final order time may vary).

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Contents

Ultra Lightweight (ULW) Cable

Ultra Lightweight (ULW) Fibre Drop Cable.....	4
Drop Fibre Dead Ends.....	5
Fibre Locking Mechanism.....	5
Overhead Cable Tools.....	5
Pole Labels.....	5

Blown Fibre Cable

Blown Fibre and Tubes.....	6
Blown Fibre Accessories.....	7
Duct & Microduct Cutting Tools.....	7

External Blown Fibre Cable

External Blown Fibre and Duct.....	8
Fibre Optic Buffer & Jacket Strippers.....	9
Cable Dispenser.....	10
Tool Kits.....	10-11



Prysmian Ultra Lightweight (ULW) Fibre Optic Aerial Drop Cable

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Designed as an Ultra Lightweight (ULW) cable for mid to long span aerial applications. It is suitable for aerial and/or duct applications and can be used with power cables under 11KV rating.

- For use on the PIA network
- HDPE black with stripe external grade sheath
- Brass plated steel wire strength members
- Max breaking load : 12F 1800N, 36F & 48F 2000N



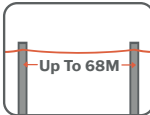
ULW Loose Tube



ULW EPFU



ULW Micromodule

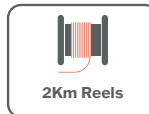
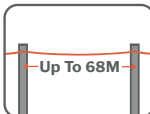
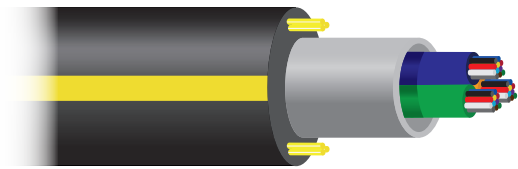


Item	Description	Construction	Mode	Fibres	Standard	Diameter	Clamp	UoM
829813	Fibre Optic Aerial Drop Cable	ULW Loose Tube	SM	4F	G657A1	6mm	5.8mm-6.2mm	METRE
821669	Fibre Optic Aerial Drop Cable	ULW Loose Tube	SM	12F	G657A1	6mm	5.8mm-6.2mm	METRE
829677	Fibre Optic Aerial Drop Cable	ULW Loose Tube	SM	24F	G657A1	6mm	5.8mm-6.2mm	METRE
828340	Fibre Optic Aerial Drop Cable	ULW EPFU	SM	36F	G657A1	7mm	6.8mm-7.2mm	METRE
821670	Fibre Optic Aerial Drop Cable	ULW EPFU	SM	48F	G657A1	7.1mm	6.8mm-7.2mm	METRE
830726	Fibre Optic Aerial Drop Cable	ULW Micromodule	SM	96F	G657A2	7.1mm	6.8mm-7.2mm	METRE

Ultra Lightweight (ULW) Fibre Optic Aerial Drop Cable

Designed to be used with access, distribution, city network and FTtx applications. PIA ready for installation in the BT fibre network in overhead and underground environments. The cable design conforms with the BT specifications CW1842 and related specifications CW1500 part 2, 7 & 11.

- For use on the PIA network
- HDPE black with stripe external grade sheath
- Brass plated steel wire strength members
- Breaking force <2000N
- Waterproof dry core structure



Item	Description	Construction	Mode	Fibres	Standard	Diameter	Clamp	UoM
830598	Fibre Optic Aerial Drop Cable	ULW Micromodule	SM	12F	G657A1	7mm	6.8mm-7.2mm	METRE
830599	Fibre Optic Aerial Drop Cable	ULW Micromodule	SM	24F	G657A1	7mm	6.8mm-7.2mm	METRE
830696	Fibre Optic Aerial Drop Cable	ULW Micromodule	SM	36F	G657A1	7mm	6.8mm-7.2mm	METRE
830697	Fibre Optic Aerial Drop Cable	ULW Micromodule	SM	48F	G657A1	7mm	6.8mm-7.2mm	METRE

PLP Dropfibre Dead Ends



Galvanised steel dead end (also referred to as FODE) for fixing aerial fibre drop cables at pole or premises' connection points. Clamps are designed to be wrapped around the dropwire not the wire around the clamp.

- 830464 suited to 4F, 12F & 24F for ULW cables from 5.8-6.2mm
- 818157 suited to 36F & 48F for ULW cables from 6.8-7.2mm (equivalent BT Ref 085656)



Item	Description	Band Colour	Cable Dia	UoM
830464	Fibre Optic Dead End	Orange Band	5.8mm-6.2mm	Pk of 10
818157	Fibre Optic Dead End	Purple Band	6.8mm-7.2mm	Pk of 10

OPT Fibre Locking Mechanism for ULW Overhead Cables



A locking mechanism essential for 'loose' jacketed element(s) in an overhead cable.

- Can be attached to a wooden pole
- Designed to form a 'bridge' over other cables fitted to a pole



Item	Description	Other	UoM
820214	Fibre Locking Mechanism	7mm ULW Cable	Each

OPT 36F Ultra-Light Weight Overhead Cable Strippers

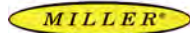


Slits the sheath on a 36F ULW overhead 7mm diameter x 2mm sheath cable.



Item	Description	Mfr Ref	UoM
814854	Cable Sheath Stripper	T0158	Each

Miller FTTx Overhead Fibre Drop Cable Slitter



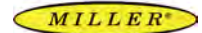
Also known as a "slippery fish", it slits both sides of drop cable jackets on end or mid-span applications.

- Designed for flat or round drop cable
- Fibre size 36F & 48F



Item	Description	Style	UoM
825278	FTTx Overhead Cable Slitter	MB04-7020	Each

Miller All Purpose Cable Slitter Tool



Performs accurate ring and longitudinal cuts on various dielectric cables up to 15.25mm in diameter.

- Designed for cables between 5mm - 12mm
- Blade insert trays to cater for 0.4mm, 0.5mm and 0.6mm sheath thickness
- Comes as a complete kit with 3 trays, tool and pouch



Item	Description	UoM
831802	All Purpose Cable Slitter Kit	Each

PIANOI Cabling Labels (Pack of 250)

For the identification of newly provided cables.

- 4x 6mm pre cut holes for affixing into position using cable ties
- Fields to be completed using fine permanent marker - BT Pen Marker 1 (994344)



Item	Description	Height	Colour	UoM
829650	PIANOI Label	35mm	Yellow	Pk of 250 labels

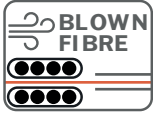
Prysmian Blown Fibre OS2 (EPFU)

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Enhanced Performance Fibre Unit (EPFU) bundle fibre designed for blowing in ducts with an internal diameter of 3.5mm. Smaller fibre counts manufactured with a rough exterior coating to aid the performance of blowing allowing air capture on the surface of the fibre unit.

- Blowing distances up to 1000m (750m for 12 core)



829266



809518



831051

Item	Description	Mode & Type	Standard	Fibre	PAN Size	Diameter	UoM
829266	Blown Fibre Unit (EPFU)	SM OS2	G652D	4F	2000Mtr	1mm	R2000
809518	Blown Fibre Unit (EPFU)	SM OS2	G652D	12F	2000Mtr	1.3mm	R2000
831051	Blown Fibre Unit (EPFU)	SM OS2	G657A1	12F	2000Mtr	1.3mm	R2000

Prysmian Blown Fibre Tube External - Direct Install (Ducts)

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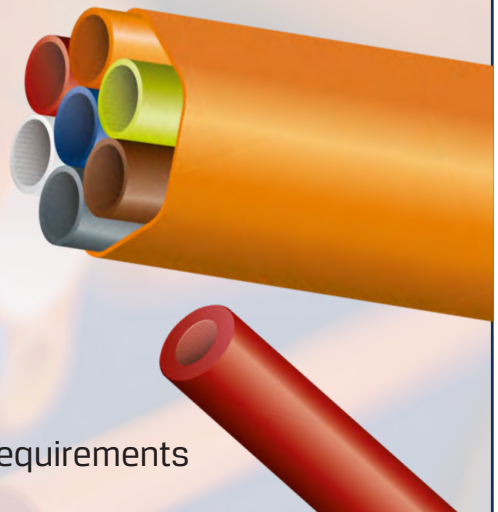
External tube duct with a HDPE (High Density Polyethylene) outer sheath and a variable number of HDPE low friction inner tubes. The construction of the tubing also includes a metallic aluminium layer for additional moisture barrier protection.

- Low friction internal coating for maximum fibre blowing distance
- Each tube accommodates one blown fibre unit (EPFU) up to 12 fibres



Item	Description	Sheath	Type	No of Tubes	Diameter	Colour	UoM
826308	Blown Fibre Tube	HDPE	External Duct Grade	4 Tubes	16.5mm	Black	METRE
826309	Blown Fibre Tube	HDPE	External Duct Grade	7 Tubes	19.4mm	Black	METRE
823067	Blown Fibre Tube	HDPE	External Duct Grade	12 Tubes	22.5mm	Black	METRE

 **dura·line**



Comtec, a Dura-Line partner

Call 01480 415414 for your microduct requirements

Prysmian Blown Fibre Accessories

Connectivity products to support the installation of a blown fibre solution.

- Blowing beads used with (EPFU) fibre help guide the blown fibre unit through tubes and aids installation
- Tube connection and tube sealing products enable tubes to be connected together and or prevent the ingress of water or gas

Item	Description	Diameter	UoM
827091	Blown Fibre Blowing Beads	Up To 1.3mm	Pk of 1000
826851	Straight Duct Connector	5mm	Pk of 10
828333	Duct End Cap	5mm	Pk of 10
826814	Duct Gas Seal Connector	5mm	Pk of 10
826812	Duct Water Blocking Connector	5mm	Pk of 10
828001	Duct Tube Sealing End Cap	5mm	Pk of 10



827091



826851

828333

826814



826812



828001

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Blown Fibre Crimper Tube Cutter

Tube/hose cutter ideal for cutting blown fibre tubing.

6 functions:

- Tube cutter
- Bead crimper
- Manifold tube measurement guide
- Tube reforming nipple
- Gas and water block activation tool
- 30mm splice protector fibre guide



Item	Description	Type	UoM
797524	Blown Fibre Crimper & Tube Cutter	6 in 1 Tool	Each

Miller Duct Cutter



Designed to make clean, square and burr-free ring cuts in plastic fibre duct and microduct. Ideal for cutting or scoring PVC, CPVC, HDPE and other plastic tubing or sheath whilst protecting the fibre inside.

- Duct size range from 0-25mm diameter
- Indexing guide base to match dust sizing
- Blade made of SK5 steel, heat treated and nickel plated
- ABS plastic body



Item	Description	Mfr Ref	Length	UoM
831715	25mm Duct Cutter	MC02-7000	216mm	Each

Tait Tools Cutting Tool for Blown Fibre Tubes



Tube/hose cutter ideal for cutting blown fibre tubing.

- Lightweight and simple to use with a see-saw action
- Hardened and tempered steel blades
- Recommended for tubes with diameter up to 8mm



Item	Description	BT Ref	Mfr Ref	UoM
100061	Microduct & Tube Cutter	2A	TC100	Each

Microduct Rounding & Deburring Tool

Can be used with microducts that have internal diameters of 2.1mm, 3.5mm and 8mm.

- Rounds cut microduct for better connector fitment
- Also acts to deburr microduct cut edges



Item	Description	UoM
808373	Microduct Rounding & Deburring Tool	Each

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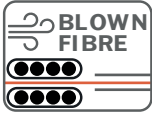
Prysmian OS2 Fibre Cables - External Blown Fibre

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External HDPE sheathed fibre cable for blown duct installations.

- HDPE black external grade sheath
- Multi-loose tube construction for high core counts
- Suitable for blown fibre installations
- G657.A1 singlemode fibre

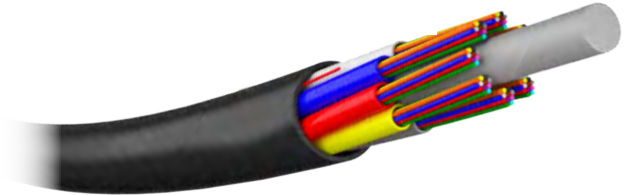
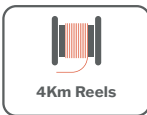


Item	Description	Construction	Mode	Fibres	Type	Core Size	Diameter	UoM
832252	Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	24F	G657A1	250µm	5mm	METRE
829145	Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	48F	G657A1	250µm	5mm	METRE
829146	Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	96F	G657A1	250µm	5.8mm	METRE
829147	Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	144F	G657A1	250µm	8.5mm	METRE
829148	Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	288F	G657A1	250µm	10.8mm	METRE
830123	HD-Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	144F	G657A1	200µm	5.8mm	METRE
830124	HD-Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	192F	G657A1	200µm	6.8mm	METRE
830125	HD-Micro Blown Fibre Cable	Multi-Loose Tube	SM OS2	288F	G657A1	200µm	9.1mm	METRE

Fibre Cable OS2 - External Duct

External duct grade fibre optic cable with a HDPE sheath. Used in push/pull duct and external applications.

- HDPE black external grade sheath
- Multi-loose tube construction for high core counts
- Suitable for traditional push/pull installations
- G657.A1 singlemode OS2 fibre



Item	Description	Construction	Mode	Fibres	Type	Core Size	Diameter	UoM
830296	Duct Fibre Cable	Multi-Loose Tube	SM OS2	48F	G657A1	250µm	7.9mm	METRE
830298	Duct Fibre Cable	Multi-Loose Tube	SM OS2	96F	G657A1	250µm	9.8mm	METRE
830299	Duct Fibre Cable	Multi-Loose Tube	SM OS2	144F	G657A1	250µm	12.1mm	METRE
830300	Duct Fibre Cable	Multi-Loose Tube	SM OS2	288F	G657A1	250µm	15mm	METRE

NEW CATALOGUES

Packed with essential items for your FTTx network build.



Miller ACS Plus Armoured Cable Slitter



Designed for use on armoured fibre feeder, central tube & stranded loose tube fibre optic cables, as well as various other non-fibre armoured cables, the ACS Plus easily cuts through the polyethylene jacket and corrugated copper, steel or aluminium armour layer in one smooth step.

- Single brass roller wheel accommodates cable diameters from 4 to 28.6mm
- Ergonomic design features a spring-loaded roller assembly with tension adjustment knob for faster precision cuts
- Performs longitudinal, circumferential (ringing) & spiral cuts



Miller All Purpose Cable Slitter Tool
See page 5

Item	Description	Mfr ref	UoM
826153	Armoured Cable Slitter	ACS+	Each

Miller MSAT-16 16 Channel Mid-Span Access Tool



Designed to easily size and access fibres in loose tube cables ranging from 1 to 3mm diameters in mid-span applications.

- Safe, compact & ergonomic design



Item	Description	Type	Mfr Ref	UoM
812763	Mid-Span Access Tool	16-Channel	MSAT-16	Each

Jonard JIC-4366 Cable Slitter & Ring Tool



Cable sheath slitter used to ring-cut many types of tight buffer, loose tube buffer, breakout cables and other types of jacketed fibre cables.



Item	Description	Mfr Ref	UoM
821251	Cable Slitter & Ring Tool	JIC-4366	Each

Tait Tools 5-Way Fibre Optic Stripper



Durable fibre stripping tool with 5 useful stripping positions.

- 250µm, 900µm, 2-2.4mm, 2.8-3mm, & 2-3mm LT



Item	Description	UoM
830219	Fibre Optic Stripping Tool	Each

Longitudinal Jacket Stripper

Longitudinal jacket stripper for lengthways splitting of cable sheath or sub duct.

- Also known as BT Cutter Longitudinal 1A
- Adjustable cutting depth control



Item	Description	Cable Dia	UoM
993292	Jacket Stripper Longitudinal	Up to 25mm	Each

ETC Longitudinal Window Stripping Tool for Riser Cables



Creates a longitudinal window cut in you multi core riser cable.

- Adjustable cut depth



Strip depth adjuster now with depth measurements



Item	Description	For Use With	UoM
829034	Longitudinal Stripping Tool	MDU Cables	Each

X Board 500 Cable Dispenser

A universal device for winding in/out cable drums.
Ideal for damaged cable drums.

- Load bearing capacity 800Kg



Item	Description	Mfr Ref	UoM
816872	X-Board Cable Dispenser	XB500	Each

Miller MSAT All Access Tool Kit

The MSAT all access tool kit gives the user a selection of 5 tools in a handy foam lined plastic case. Kit includes;

- Stripper FO103S
- Kevlar Shears KS-1
- Hard Jacket Stripper PCS-114
- Buffer Tube Scorer FTS
- Mid Span Access Tool MSAT-16



Item	Description	Type	Mfr Ref	UoM
818921	Mid-Span Access Toolkit w/ Tools & Case	FO 103S Version	MA03-7000	Each

Sticklers Standard Fibre Optic Cleaning Kit

Fibre optic cleaning kit with everything you need to clean 800+ fibre end faces quickly, reliably and inexpensively. Kit includes;

- 1x Cleanwipes 600 box
- 1x Cleanwipes 90 Tub
- 25x Outdoor Cleanwipes optical grade wipes
- 30x Cleaning sticks for 2.5mm
- 20x Cleaning sticks for 1.25mm
- 1x Orange case + LED flashlight



Item	Description	No. of Cleans	Mfr Ref	UoM
808915	Standard Fibre Optic Cleaning Kit	800+ Cleans	MCC-FK03	Each

FTTx Tool Kit

Compact 9 piece FTTx tool kit ideal for every fibre engineers working on FTTx, LAN, PON and optical CATV networks. Kit includes;

- Visual light pen for fault location
- Tools for jacket and fibre stripping
- Precision cleave tool with sharps bin
- Optical power meter with SC and FC adaptors
- Fixed length cleave guide
- IPA bottle (empty) and wipes
- Supplied in a soft carry case
- NOTE: VFL pen and power meter require AA batteries.



Item	Description	UoM
824610	FTTx Tool Kit	Each

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