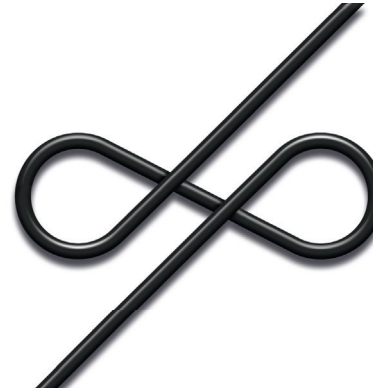


EXPLORE PROFLEX THE FLEXIBLE FIBRE SYSTEM

Experience the flexibility
Experience the ease of use
Experience the speed

Revolutionise your next project



ProFlex is the ultimate choice for fast and hassle-free installations.

ProFlex incorporates a unique blend of flexible engineering polymers and fillers to strengthen and safeguard superior silica cores. Peak performance and flexibility are guaranteed even under duress.



Vendor-specific hoods are built-in. ProFlex is weatherproof right out of the box.

Ergonomic design streamlines your installs, reduces complexity and your time.

ProFlex plug-and-play structure withstands the harshest of conditions.



State-of-the-art facilities feature air-vac entry to enable us to manufacture premium products.

ProFlex can be customised to meet the most demanding criteria.

ProFlex - Revolutionise your next project.

PROFLEX JUMPERS TO THE ANTENNA

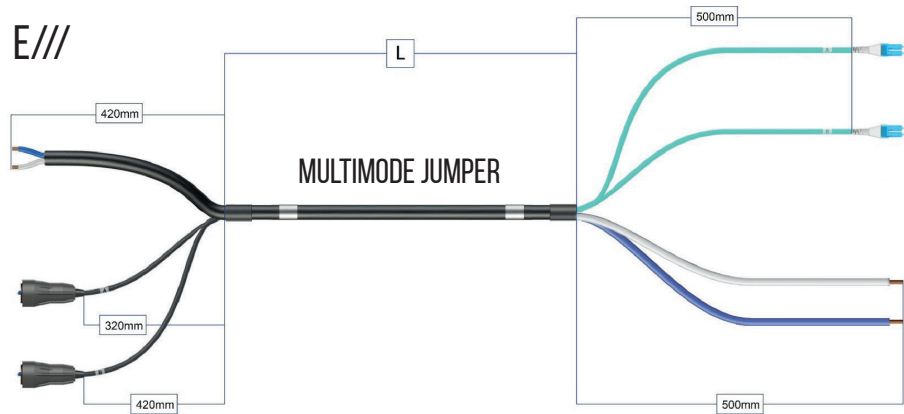
HYBRID

ProFlex Plug-and-Play flexible hybrid jumpers are designed for **rapid, hassle-free installs**. Ergonomically designed hoods are vendor-specific and integrated into the assembly to reduce install complexity and time. Consisting of 2 core power cable and 4 cores of either Multimode or Single-mode flexi-fibres, ProFlex flexible fibre incorporates a unique blend of flexible engineering polymers and fillers to strengthen and safeguard superior silica cores, whilst preserving peak performance even under duress.

DC Cable x 2 is 6mm² of high-grade copper, insulated with durable PVC to conform to the latest BS7671:2018 AMD2 standards.

OM4 Multimode fibres allow 10Gb of data over 550M or 100Gb over 150M, breakouts are **colour coded Aqua** for easy identification.

OS2 Single-mode fibre allows 100G of data up to 10KM, breakouts are **colour coded Yellow** for easy identification.

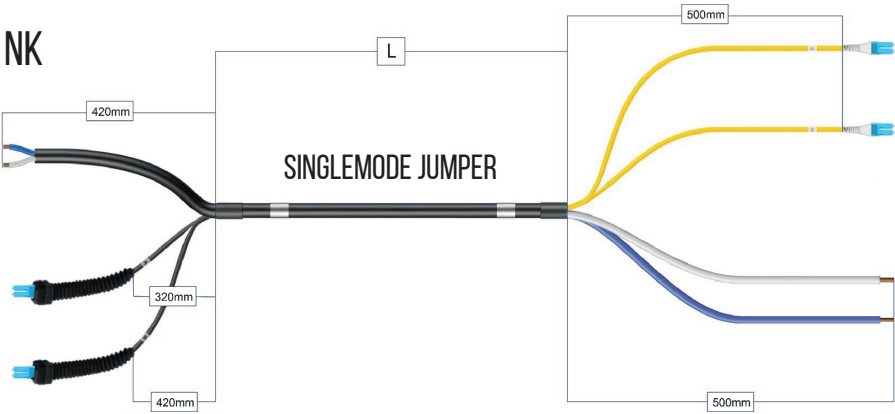


SINGLEMODE

PART NUMBER*	LENGTH
25-0HH52422003/XX/TP	XXM

MULTIMODE

PART NUMBER*	LENGTH
25-0HH42422003/XX/TP	XXM

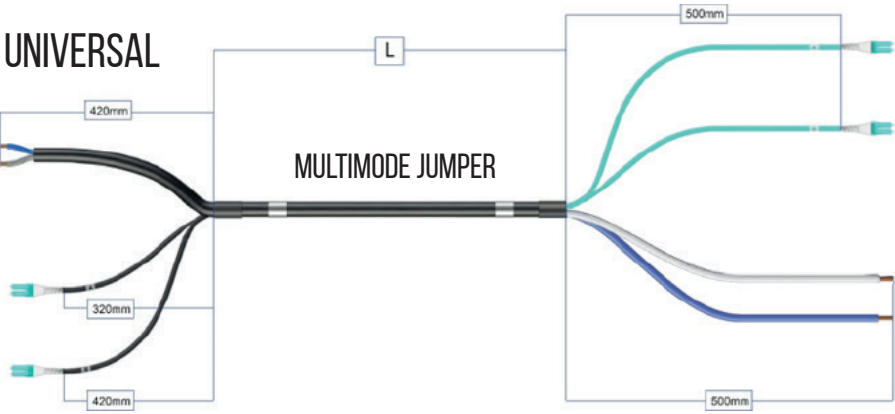


SINGLEMODE

PART NUMBER	LENGTH
25-0HH52322003/XX/TP	XXM

MULTIMODE

PART NUMBER	LENGTH
25-0HH42322003/XX/TP	XXM



SINGLEMODE

PART NUMBER*	LENGTH
25-0HH52222003/XX/TP	XXM

MULTIMODE

PART NUMBER*	LENGTH
25-0HH42222003/XX/TP	XXM

*Substitute XX for desired length i.e. 05 for 5m

PROFLEX JUMPERS TO THE ANTENNA

SEPARATES

ProFlex Plug-and-Play flexible fibre jumpers are designed for rapid, hassle-free installs. Ergonomically designed hoods are vendor-specific and integrated into the assembly to reduce install complexity and time. Consisting of 2 cores of either Multimode or Single-mode flexi-fibres, ProFlex flexible fibre incorporates a unique blend of flexible engineering polymers and fillers to strengthen and safeguard superior silica cores, whilst preserving peak performance even under duress.

DC Cable x 2 is 6mm² of high-grade copper, insulated with durable PVC to conform to the latest BS7671:2018 AMD2 standards.

OM4 Multimode fibres allow 10Gb of data over 550M or 100Gb over 150M

OS2 Single-mode fibre allows 100G of data up to 10KM

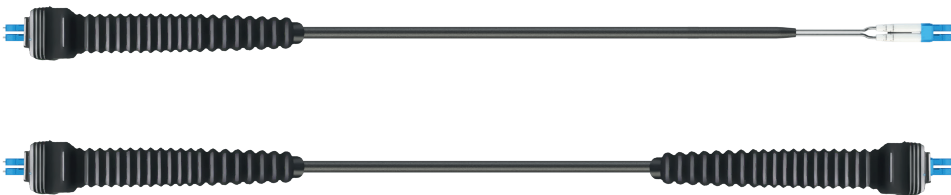
E///



	PART NUMBER*		LENGTH
	1 BOOT	2 BOOTS	
Single-Mode	25-0HE7717512/XX	25-0HE7717511/XX	XXM
Multimode	25-0HE7712512/XX	25-0HE7712511/XX	XXM



NK



	PART NUMBER*		LENGTH
	1 BOOT	2 BOOTS	
Single-Mode	25-0HE7715520/XX	25-0HE7715522/XX	XXM
Multimode	25-0HE7714520/XX	25-0HE7714522/XX	XXM

UNIVERSAL



	PART NUMBER*	LENGTH
Single-Mode	25-0HW077155/XX	XXM
Multimode	25-0HW077115/XX	XXM

DC CABLE



PART NUMBER*	CORES**
21-DC-Yx6MM-PE	Y

*Substitute XX for desired length i.e. 05 for 5m

**Substitute Y for desired number of cores, eg 5

PROFLEX TRUNK SOLUTIONS

ProFlex robust trunk solutions provide all of the benefits of Hughes' specialised ProFlex cables. ProFlex Trunks are available as Hybrid or Separate fibre and DC cables.

HYBRID TRUNK SOLUTIONS

Multimode Hybrid Trunks consist of 8 x 6mm² high-grade copper power cables manufactured to conform to the latest BS7671:2018 AMD2 standards. OM4 fibres designed for peak performance allow 10Gb of data over 550M or 100Gb over 150M, breakouts are **colour coded Aqua** for easy identification.

Single-mode Hybrid Trunks consist of 8 x 6mm² high-grade copper power cables manufactured to conform to the latest BS7671:2018 AMD2 standards. OS2 fibres allow >100Gb data transfers up to 10km, breakouts are **colour coded Yellow**.



SINGLEMODE

PART NUMBER*	LENGTH
25-0HH5822H003/XX	XXM

MULTIMODE

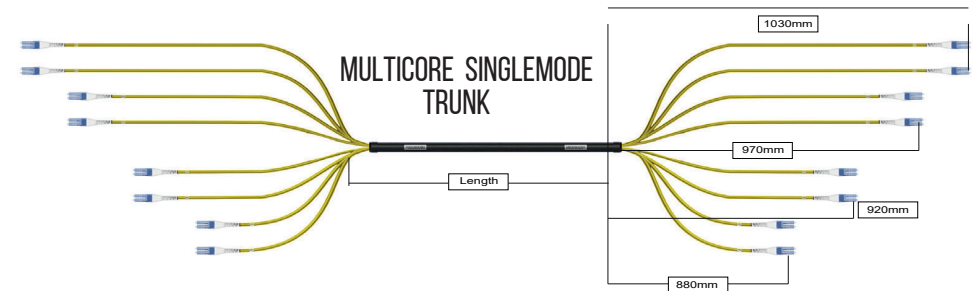
PART NUMBER*	LENGTH
25-0HH4822H003/XX	XXM



FIBRE AND DC TRUNK SOLUTIONS

Separate Single-mode Trunks incorporate 16 cores of specialist OS2 fibre to allow >100G high-speed data transfers up to 10KM. Breakouts are **colour coded Yellow** for easy identification.

Separate Multimode Trunks incorporate 16 cores of premium quality OM4 fibre to allow 10Gb of data over 550m or 100Gb over 150m. Breakouts are **colour coded Aqua** for easy identification.



SINGLEMODE

PART NUMBER*	LENGTH
25-0HE77855TK/XX	XXM

MULTIMODE

PART NUMBER*	LENGTH
25-0HE77845TK/XX	XXM

DC Trunks consist of 8 x 6mm² high-grade power cables, 4 colour coded Blue and 4 colour coded White, each core is numbered for easy identification.



PART NUMBER*	LENGTH
25-EE8C6MMTK/XX	XXM

*Substitute XX for desired length i.e. 05 for 5m

PROFLEX JUMPERS TO THE CABINET



ProFlex jumpers to the cabinet provide all of the benefits of Hughes' specialised ProFlex cables and are available as Hybrid or separate Multimode or Single-mode fibre and DC cables.

HYBRID

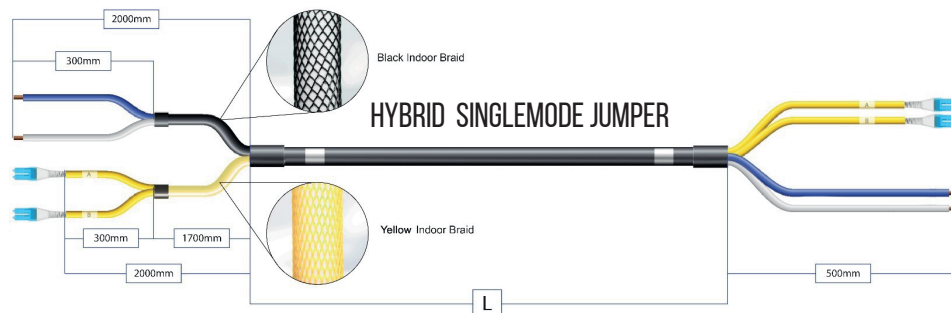
Designed for easy cable management and hassle-free installs, ProFlex Hybrid jumpers to the cabinet provide all the benefits of the ProFlex cabling system to preserve peak performance and flexibility.

Consisting of 2 power cables and 4 cores of either Multimode or Single-mode flexible fibres, ProFlex Hybrid jumpers to the cabinet incorporate durable braiding over fibre and DC pairs to reduce install complexity and ease cable management.

DC cables are 6mm² of high-grade copper, manufactured to conform to the latest BS7671:2018 AMD2 standards.

OM4 Multimode fibres allow 10Gb of data over 550M or 100Gb over 150M, breakouts are **colour coded Aqua** for easy identification.

OS2 Single-mode fibre allows 100G of data up to 10KM, breakouts are **colour coded Yellow** for easy identification.



SINGLEMODE

PART NUMBER*	LENGTH
25-0HH52222003/XX/BT	XXM

MULTIMODE

PART NUMBER*	LENGTH
25-0HH42222003/XX/BT	XXM

SEPARATES

ProFlex Multicore jumpers to the cabinet are designed for hassle-free installs and provide all the benefits of ProFlex's unique blend of flexible engineering polymers and fillers to strengthen and safeguard superior silica cores.

OM4 Multimode fibres x 16 break out to 8 pairs x **colour coded Aqua** fibres, each incorporating Hughes' unique Uniboot allow 10Gb of data over 550M or 100Gb over 150M.

OS2 Single-mode fibres x 16 break out to 8 pairs x **colour coded Yellow** fibres, each incorporating Hughes' unique Uniboot allow 100G of data up to 10KM.



SINGLEMODE

PART NUMBER*	LENGTH
25-0HE7785500/XX	XXM

MULTIMODE

PART NUMBER*	LENGTH
25-0HE7784500/XX	XXM

DC Cable x 2,4 or 5 cores is 6mm² of high-grade copper, insulated with durable PVC to conform to the latest BS7671:2018 AMD2 standards.

DC CABLE



PART NUMBER*	CORES**
21-DC-Yx6MM-PE	Y

*Substitute XX for desired length i.e. 05 for 5m

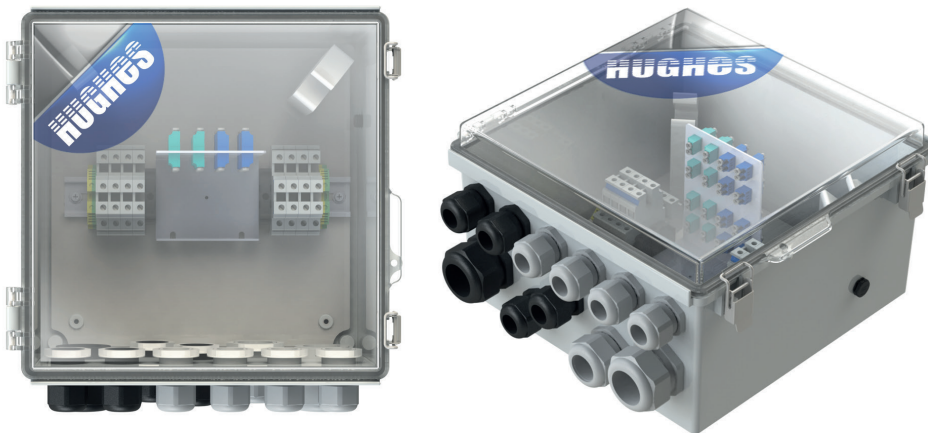
**Substitute Y for desired number of cores, eg 5

ProLink enclosures are constructed using a long-lasting aerospace-grade lightweight polymer compound, making it particularly easy to handle, whilst being remarkably robust.

Placement of every element is carefully considered to deliver an extremely efficient design that maximises accessibility and aid installation speed.

Maximised height puts working space where you need it, at the top and bottom to ease connection, whilst reducing width produces a slimline yet more ergonomic design.

Available with a side-entry non-transparent door or our pioneering UV resistant and crystal clear translucent door for instant inspection, ProLink is the first and only enclosure in-class to grant the option of effortless auditing and troubleshooting.



PART NUMBER	DESCRIPTION
35-HEBB005T	HUGHES PROLINK DISTRUBUTION BOX WITH TRANSPARENT DOOR

Developed by profesisonals for professionals, ProLink is packed with features to streamline the workflow and solve the problems of expert engineers allowing them to focus on what's important:

- Latch-back side-entry doors ease access and expedite cable insertion and connection.
- The doors are secured with a single-point security screw and side latches, enabling quick and unobstructed access to the interior glands and connections.
- LC bulkhead connectors are colour coded for easy identification
- DC terminals are dual stacked for space saving.
- Universal built-in mounting bracket cuts assembly time offering quick and easy fixing to most types of structures.
- Ergonomic design maximises working height making it easier to maneuver cables into the box and create optimum terminations.



PART NUMBER	DESCRIPTION
35-HEBB005	HUGHES PROLINK DISTRUBUTION BOX WITH STANDARD DOOR

HUGHES CABLE MANAGEMENT



OneLoop is a size adjustable fibre cable defence system that guards against poor installation practices, weather induced stress, movements and impacts.

Coiled, loose and hanging fibres leaves them critically susceptible to impact generated microbends, twists, signal dispersion and attenuation losses. OneLoop keeps fibre cable safe preserving bending radii and storing cable neatly without unsightly flapping coils or loose cable.

Hughes patented locking mechanism allows multiple Loops to be added together in multiple configurations to store as much or as little cable as necessary in different space requirements.

ONELOOP



PART NUMBER

27-OL1M101/A0

OneClamp is the worlds most advanced cable brace, it's adjustable to fit almost any cable and incorporates a pioneering 'light touch' aperture and unique de-limiting features that secure cables without crushing or deforming them, no matter how strong the linear forces applied.

Specially engineered materials reduce microphonic induced PIM and loosening from vibrations and tremor.

OneClamp DM1 is designed to fit any cables with 13-29mm outer diameters and OneClamp DS1 fits any cables with 6-16mm outer diameters.

ONECLAMP DM1



PART NUMBER

27-CL4M211/ADM1

ONECLAMP DS1



PART NUMBER

27-CL4S101/ODS1