







MICRODUCT TOOLS & EQUIPMENT

TOOLS

Connect offers all the tools and equipment required for installation of microduct, blown fiber & micro-blown fiber cables. Listed below are the most common tools, others are available

MICRODUCT TOOLS		Part Number
	Duct/Conduit Ratchet Cutter – Maximum pipe diameter 2 1/2" Ratchet action pipe cutter makes clean cuts through HDPE and PVC pipe up to 2 1/2" in diameter. The Duct/Conduit cutter features all steel construction and locks in closed position for storage safety. <i>Usage: Align duct with the blade and squeeze handles until cut through. Press the release and remove tool.</i>	CTSP-DCT-CUTTER
	Round Duct/Conduit Cutter – diameters of 1/4" to 2 5/8" Offers a precise cut of duct to allow access to fiber or cable already placed inside of duct for repair, or break-outs without cutting the contents of the duct. The cutting wheel cuts a wide variety of plastic pipe and tubing. <i>Usage: Line up the cutter wheel with cut-off mark. Push in on the knob to bring the wheel up against duct then turn the knob to penetrate. Swing tool in a circular motion, tightening knob periodically until the blade cuts through the duct. Press the blade release and remove tool.</i>	CTSP-DCT-RND-CUTTER
	Thick Wall Microduct Cutter For 6mm to 25mm plastic/rubber pipe. Plier-action cutters with diecast zinc alloy body. Fitted with reversible hardened and tempered replaceable steel blade. Length 190mm. <i>Usage: Open the jaws of the cutter and line up the blade with cut-off mark. Squeeze the handles until the blade cuts through the duct. Release and remove tool.</i>	CTS-TWMD-CUTTER
	Sheath Removal Tool The PG3HTA tool is used to make a circular and longitudinal cut in order to remove an outer sheath. For Pipe diameter range of 26-52mm. Circular cutting thickness capacity 2,8 mm and Longitudinal cutting thickness capacity of 3.3mm (Configured with 4 x MTC3/2,8 HTA and 1 x MTL3/3,3 HTC blades) <i>Usage: When making a longitudinal cut, Open the jaws of the cutter and place the tool so that the blade is on the top and the guide is on the bottom of the duct. Close the jaws and squeeze the handles and pull backwards to the end of the duct until the cut is complete. When making Circular cuts, place the tool around the duct (between the jaws) at the cut-off mark. Squeeze the handles until the blade cuts through the duct. Make a 1/4 turn forwards and backwards until the cut is through the jacket. Release and remove tool and peel back the sheath.</i>	ALROC-PG3HTA
	Longitudinal Duct/Microduct Slitter Longitudinal Duct Slitter features a ratcheting design that quickly and safely strips innerduct or microduct longitudinally. Can also be used to strip cables. <i>Usage: Unfold slitter and adjust slitter depth. Set slitter blade against duct edge, lift and press handle while keeping the slitter tight against duct. Keep lifting and pressing the handle until the optimum cut is achieved.</i>	CTSP-MD-DCT-SLITTER
	Microduct Round Cutter – diameters of 3mm-14mm The Round Cutter is designed to penetrate the Microduct while keeping the fiber/microcable safe inside. The blade and guide limits the cut to the depth of the Microduct wall itself, leaving the cable inside unharmed. <i>Usage: Line up the blade with cut-off mark. Squeeze and rotate tool in a circular motion until the blade cuts through the duct. Release and remove tool.</i>	CTSP-MD-RND-CUTTER












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	Rotary Slitter/Stripper Preparation tool for removal of PE, rubber & other jackets - for microducts/cable diameters 8mm to 13mm (Duratool) <i>Usage: Open the tool by pressing the red release button, place the duct in the tool, then close the tool. Once closed, spin the tool in a circular motion until the cut has been achieved through the sheath. Open the tool again and remove from duct.</i>	CTS-RND-CBLSTRIP
	Microduct/Innerduct Tube Cutter – Maximum pipe diameter of ¾" A hardened steel blade mounted in a sturdy plastic spring-action frame to make clean cuts through microducts and innerducts. <i>Usage: Align duct with the blade and the "V" anvil and squeeze.</i>	CTSP-MD-TBE-CUTTER
	Microduct Knife Used for making longitudinal slits in microduct without damaging the contents, this simple tool is composed of a hook-shaped blade. <i>Usage: Set knife blade against duct edge, pull backwards while keeping the knife tight against duct. Keep pull backwards until the optimum cut is achieved.</i>	CTSP-MD-DCT-KNIFE
	Heavy Duty Microduct Knife Used for making longitudinal slits in microduct without damaging the contents, this simple tool is composed of a hook-shaped blade. <i>Usage: Set knife blade against duct edge, pull backwards while keeping the knife tight against duct. Keep pull backwards until the optimum cut is achieved.</i>	CTSP-MD-DCT-HDKNIFE
	Microduct De-burring Tool Tool used to form a conical shape on the inner surface of the microduct that, after insertion into a coupler, allows the fiber to glide between microducts with ease. Replaceable Blades <i>Usage: Unfold slitter and adjust slitter depth. Set slitter blade against duct edge, lift and press handle while keeping the slitter tight against duct. Keep lifting and pressing the handle until the optimum cut is achieved.</i>	CTSP-MD-DCT-DBUR

CABLE PREPARATION TOOLS		Part Number
	Fiber Optic Drop Cable Slitter for 0.25" Flat Cable, Blue unit with T-Style Grip. Replacement Blades are sold in a pack of 25.	CTS-FOD-2000 CTS-FOD-RB25 (Replacement Blades)
	Mid Span Slitter Designed to provide easy access to optical fibers in loose buffer tubes 1.2mm - 3.3 mm diameter. With 6 precision grooves buffer tube slitting is done without damage to the fiber. The blades are replaceable. Groove Sizes: 1.2 - 1.5 mm 1.5 - 1.8 mm 1.8 - 2.1 mm 2.1 - 2.5 mm 2.5 - 2.9 mm 2.9 - 3.3 mm	CTS-MSS-6 CTS-MSS-RB02 (Replacement Blades)
	Preparation Tool - Mid Span Slitter for ADSS, MASS, Microduct or Armoured Cable. Red wheel is adjustable from 0.157 in. (4 mm) to .939 in. (10mm) cable OD. Includes tool, cable guide wheel and bearing (ACS-K)	CTS-SLITTER-MIDSPAN-R
	Fiber Ring Stripper - for cables up to 3.2mm (1/8"), Grey	CTS-FRS-G-3.2MM
	Fiber Ring Stripper - for cables 6mm (1/4") to 14mm (9/16") OD, Blue	CTS-FRS-B-5.5MM



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MICRODUCT TOOLS & EQUIPMENT

COUPLERS & CAPS

The microduct accessories required for joining, installation, repair, troubleshoot and protection of the microducts and bundle microduct assemblies in an air blown fiber system (ABF). Other sizes available upon request.


MICRODUCT STRAIGHT COUPLERS - MOQ 25ea

Used for joining two individual ducts. For direct bury applications, "C" locking clips are supplied for a secure installation.

	PART NUMBER	DESCRIPTION
	CTSP-MD-STRCPLR-DB-5	Straight Coupler for 5mm OD x 3.5mm ID microduct
	CTSP-MD-STRCPLR-DB-8.5	Straight Coupler for 8.5mm OD x 6mm ID microduct
	CTSP-MD-STRCPLR-DB-10	Straight Coupler for 10mm OD x 6mm ID microduct
	CTSP-MD-STRCPLR-DB-12.7	Straight Coupler for 12.7mm OD x 10mm ID microduct
	CTSP-MD-STRCPLR-DB-14	Straight Coupler for 14mm OD x 10mm ID microduct
	CTSP-MD-STRCPLR-DB-16	Straight Coupler for 16mm OD x 10mm ID microduct
	CTSP-MD-STRCPLR-DB-18	Straight Coupler for 18mm OD x 10mm ID microduct


MICRODUCT END CAPS - MOQ 25ea

Used for protecting the microduct from dust, insects or moisture. For direct bury applications, "C" locking clips are supplied for a secure installation.

	PART NUMBER	DESCRIPTION
	CTSP-MD-ENDCAP-OD-5	Straight Coupler for 5.0mm OD microduct
	CTSP-MD-ENDCAP-DB-8.5	Straight Coupler for 8.5mm OD microduct
	CTSP-MD-ENDCAP-DB-10	Straight Coupler for 10mm OD microduct
	CTSP-MD-ENDCAP-DB-12.7	Straight Coupler for 12.7mm OD microduct
	CTSP-MD-ENDCAP-DB-14	Straight Coupler for 14mm OD microduct
	CTSP-MD-ENDCAP-DB-16	Straight Coupler for 16mm OD microduct
	CTSP-MD-ENDCAP-DB-18	Straight Coupler for 18mm OD microduct


MICRODUCT REDUCING COUPLERS - MOQ 25ea

Used to joining two microducts of different diameters. For direct bury applications, "C" locking clips are supplied for a secure installation.

	PART NUMBER	DESCRIPTION
	CTSP-MD-RDCCPL-DB-10MMTO8.5MM	Reducing Coupler for 10mm OD x 6mm ID to 8.5mm OD x 6mm ID
	CTSP-MD-RDCCPL-DB-12.7MMTO10MM	Reducing Coupler for 12.7mm OD x 10mm ID to 10mm OD x 6mm ID
	CTSP-MD-RDCCPL-DB-14MMTO8.5MM	Reducing Coupler for 14mm OD x 8.5mm ID to 10mm OD x 6mm ID
	CTSP-MD-RDCCPL-DB-14MMTO12.7MM	Reducing Coupler for 14mm OD x 12.7mm ID to 10mm OD x 6mm ID
	CTSP-MD-RDCCPL-DB-16MMTO14MM	Reducing Coupler for 16mm OD x 14mm ID to 10mm OD x 6mm ID
	CTSP-MD-RDCCPL-DB-18MMTO14MM	Reducing Coupler for 18mm OD x 14mm ID to 10mm OD x 6mm ID

MICRODUCT GAS BLOCK COUPLERS - MOQ 25ea

Used when there is a need to block moisture (avoid condensation) or gas to pass freely into different micro-duct sections. "C" locking clips are supplied for a secure installation.

	PART NUMBER	DESCRIPTION
	CTSP-MD-GBC-STR-05.0-CBL0.5>3.5	Gas Block Connector - 5mm Microduct, 0.5 - 3.5mm OD Cable
	CTSP-MD-GBC-STR-08.5-CBL2>4	Gas Block Connector - 8.5mm Microduct, 2-4mm OD Cable
	CTSP-MD-GBC-STR-10.0-CBL3>6	Gas Block Connector - 10mm Microduct, 3-6mm OD Cable
	CTSP-MD-GBC-STR-10.0-CBL5>8	Gas Block Connector - 10mm Microduct, 5-8mm OD Cable
	CTSP-MD-GBC-STR-12.7-CBL4-7	Gas Block Connector - 12.7mm OD x 10mm ID Microduct, 4-7mm OD Cable
	CTSP-MD-GBC-STR-12.7-CBL7>10	Gas Block Connector - 5mm Microduct, 0.5 - 5mm OD Cable
	CTSP-MD-GBC-STR-14.0-CBL5>8	Gas Block Connector - 14mm Microduct, 5 - 8mm OD Cable
	CTSP-MD-GBC-STR-14.0-CBL7>10	Gas Block Connector - 14mm Microduct, 7 - 10mm OD Cable
	CTSP-MD-GBC-STR-16.0-CBL5>8	Gas Block Connector - 16mm Microduct, 5 - 8mm OD Cable
	CTSP-MD-GBC-STR-16.0-CBL7>10	Gas Block Connector - 16mm Microduct, 7 - 10mm OD Cable
	CTSP-MD-GBC-STR-16.0-CBL9>12	Gas Block Connector - 16mm Microduct, 9 - 12mm OD Cable
	CTSP-MD-GBC-STR-18.0-CBL7>10	Gas Block Connector - 18mm Microduct, 7 - 10mm OD Cable
	CTSP-MD-GBC-STR-18.0-CBL9>12	Gas Block Connector - 18mm Microduct, 9 - 12mm OD Cable



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MICRODUCT PLUGS – MOQ 1 Bag

Used for temporary protection from dust, insects or moisture.

	PART NUMBER	DESCRIPTION
	CTSP-MD-PLUG-08.5MM	Tapered Duct Plug for 8.5x6.0mm Microducts - 100 per bag
	CTSP-MD-PLUG-14.0MM	Tapered Duct Plug for 14.0 x 10.0mm Microducts - 100 per bag
	CTSP-MD-PLUG-16.0MM	Tapered Duct Plug for 16.0 x 12.0mm Microducts - 100 per bag


MICRODUCT VINYL END CAPS - MOQ 25ea

Used for temporary protection from dust, insects or moisture. Flexible durable PVC caps that cover individual microducts

	PART NUMBER	DESCRIPTION
	CTSP-MD-ENDCAP-V-08.5	Microduct Vinyl Push Fit End Cap for 8.5mm microduct, Red
	CTSP-MD-ENDCAP-V-12.7	Microduct Vinyl Push Fit End Cap for 12.7mm microduct, Black
	CTSP-MD-ENDCAP-V-14	Microduct Vinyl Push Fit End Cap for 14mm microduct, Red
	CTSP-MD-ENDCAP-V-16	Microduct Vinyl Push Fit End Cap for 16mm microduct, Blue
	CTSP-MD-ENDCAP-V-18	Microduct Vinyl Push Fit End Cap for 18mm microduct, Red

MICRODUCT BUNDLES VINYL END CAPS - MOQ 25ea






Used for temporary protection from dust, insects or moisture. Flexible durable PVC caps that cover the ENTIRE bundle of microducts (not for individual microducts – those are listed above)

	PART NUMBER	DESCRIPTION
	CTSP-MD-BCAP-04W-16X12MM	Microduct Vinyl Push Fit End Cap for Bundled 4way 16x12mm microducts (1.25" x 1.66" OD) MOQ 25/bag
	CTSP-MD-BCAP-04W-18X14MM	Microduct Vinyl Push Fit End Cap for Bundled 4way 18x14mm microducts (1.50" x 1.875" OD) MOQ 25/bag
	CTSP-MD-BCAP-07W-16X12MM	Microduct Vinyl Push Fit End Cap for Bundled 7way 16x12mm microducts (1.50" x 1.875" OD) MOQ 25/bag
	CTSP-MD-BCAP-12W-8.5X6MM	Microduct Vinyl Push Fit End Cap for Bundled 12way 8.5x6mm microducts (1.25" x 1.488" OD) MOQ 25/bag
	CTSP-MD-BCAP-24W-8.5X6MM	Microduct Vinyl Push Fit End Cap for Bundled 24way 8.5x6mm microducts (2.00" x 2.375" OD) MOQ 25/bag

MICRODUCT TOOLS & EQUIPMENT



As the Master Canadian Plumett distributor, we supply a full spectrum of fiber optic cable installation equipment ranging from Fiber to the Business (FTTB) down to Multiple Dwelling Units (MDUs). These jetting systems are lightweight and extremely versatile, making sluggish installations a thing of the past. Plumett has earned the reputation for superior quality, service, and longevity – and these products are no different. Utilizing a balance between low-strain pushing force and high speed air flow, Plumett makes it possible for longer installation distances with less force on the cables. Installations are less dependent on bends and undulations in the duct, and there is no need to install a winch rope. Described by many as the “Gold Standard” of equipment, Plumett has provided its products to nearly every utility and utility contractor in North America. With a 100% focus on quality and user safety, they are truly The Lineman’s Best Friend. Listed below are the most common jetters, other units/configurations are also available. See individual ordering guide per machine for required duct inserts, cable inserts and other related components.

JETTING EQUIPMENT		Part Number
	The Ultimaz P2P Pusher is a hand held jetting unit designed for placing outside plant drop cables such as Flat Drop Cables into standard outside plant innerducts for runs up to 600 ft. For FTTx micro-cables Ø 0.8 to 4 mm and micro-ducts OD 3 to 12.0 mm. Small, light, easy to prepare and use, it requires no tools to get started. It works with most types of electrical drills and screwdrivers. The "Pusher" model is designed exclusively for pushing.	PLU-UMZ-P2P-P
	Plumett ULTIMAZ V-20 Variable Drive for FTTH microcable diameters 0.8mm to 4mm and duct OD of 3 to 12.7mm. Configured with adjustable magnetic clutch it allows for pre-setting the maximum push force on the very small and fragile microcables used primarily in Enterprise installations, and eliminating the potential for damage. Small, light, easy to prepare and use, it requires no tools to get started. It works with most types of electrical drills and screwdrivers.	PLU-UMZ-V20-01
	Plumett UltimaZ E Series is designed for pushing and blowing FTTx micro-cables in and out buildings or premises with a built in electric motor and digital display. For FTTH micro-cables Ø 0.8 to 4.0 mm and micro-ducts OD 3 to 12.0 mm. Its speed, its automatic clamping setting and its predefined pushing force facilitate its operation and increase daily meter installation. The backlight display allows easy reading of the distance, speed and pushing force as well as the battery level. Small, very light, easy to transport, to prepare and to use, it requires no tools and can be operated directly from its case. This device has a built-in electric motor, powered by a long life battery, which ensures a full day autonomy.	PLU-UMZ-E25-ROW
	Plumett Minijet® is designed for placing microducts (duct OD 7mm to 42mm), fiber cables and micro cables (cable diameters from 4mm to 16mm) in preinstalled duct. Powered by a pneumatic motor the Minijet® has a maximum pushing force of 300N (67lbs) @ 6 Bar (87lbs). The cable pusher uses a twin belt design and has an adjustable speed control from 0-260 fpm (recommended speed: < 200 fpm). The Minijet is configured with the pneumatic motor, air control module, 2 poly V-belts, speed & distance counter w/reset, flexible air hoses with quick connect fittings, standard tools/consumables and two cases - one for the minijet and one for the tools/accessories.	PLU-MNJ-P02
	Plumett SuperJet Pneumatic Drive Configuration: With the largest operational range (max. pushing force: 600N), the SuperJet provides outstanding results to the most demanding requirements. For cables Ø 9 to 22 mm and for ducts OD 20 to 63 mm.	PLU-SPJ-P01
	Plumett SuperJet Hydraulic Configuration - With the largest operational range (max. pushing force: 700N), the SuperJet provides outstanding results to the most demanding requirements. For cables Ø 9 to 32 mm and for ducts OD 20 to 63 mm. T. Required for use - Hydraulic power pack with gas engine (PLU-N800010) and Hydraulic Hose set (PLU-N205014)	PLU-SPJ-H01







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Jetting Equipment Consumables

	Part Number	Description
LUBRICANTS		
Lubricants developed by Polywater & Plumettaz to create minimum friction when blowing fibre and fibre cables.		
	PLU-MD-LUBE-8OZ	MicroJetting Lube - A specially formulated lubricant of low viscosity, resistant to high air temperatures, high lubricity, designed specifically for installing micro cables in micro ducts. 8oz/240ml bottle with pointed cap for easy application. Used with Ultimaz jetting equipment.
	PLU-MD-LUBE-950ML	Jetting Lube - A specially formulated lubricant of low viscosity, resistant to high air temperatures, high lubricity, designed specifically for installing micro cables in micro ducts. 950ml bottle with standard cap. Used with Minijet, Cablejet and Superjet machines.
	PLU-MD-LUBE-3.8L	Jetting Lube - A specially formulated lubricant of low viscosity, resistant to high air temperatures, high lubricity, designed specifically for installing micro cables in micro ducts. 3.8L bottle with standard cap (bulk bottle). Used with Minijet, Cablejet and Superjet machines.
FOAM PLUGS		
For lubricating & cleaning ducts before blowing/jetting cables		
	PLU-N273218	Foam plugs for micro-ducts ID 5- 7 mm (20 pcs)
	PLU-N273219	Foam plugs for micro-ducts ID 7- 9 mm (20 pcs)
	PLU-N273220	Foam plugs for micro-ducts ID 9-12 mm (20 pcs)
	PLU-N273221	Foam plugs for micro-ducts ID 12-16 mm (20 pcs)
	PLU-N271016	Foam plugs for ducts ID max. 33 mm (20 pcs)
	PLU-N271017	Foam plugs for ducts ID max. 43 mm (20 pcs)
	PLU-N271018	Foam plugs for ducts ID max. 53 mm (20 pcs)
BLOWING BEADS		
Beads that can be mounted on the tip of the air blown fiber unit for optimal blowing performance. Single use		
	CTSF-FBB-2/4	Blowing beads for EFPU Fiber 2/4 Count (Tube of 25un)
	CTSF-FBB-8/12	Blowing beads for EFPU Fiber 8/12 Count (Tube of 25un)
CABLE CAPS		
Reusable end caps, interior threading, to protect the cable end and eliminate the risk of getting stuck at joints and edges during blowing.		
	PLU-N273044	Cable Caps for fiber Ø 4 mm, sold by each or bag of 10un
	PLU-N273045	Cable Caps for fiber Ø 5 mm, sold by each or bag of 10un
	PLU-N273046	Cable Caps for fiber Ø 6 mm, sold by each or bag of 10un
	PLU-N273122	Cable Caps for fiber Ø 7 mm, sold by each or bag of 10un
	PLU-N273156	Cable Caps for fiber Ø 8 mm, sold by each or bag of 10un
	PLU-N273217	Cable Caps for fiber Ø 8.5 mm, sold by each or bag of 10un
	PLU-N273194	Cable Caps for fiber Ø 9 mm, sold by each or bag of 10un
	PLU-N271206	Cable Caps for fiber Ø 10 mm, sold by each or bag of 10un
	PLU-N271207	Cable Caps for fiber Ø 11 mm, sold by each or bag of 10un
	PLU-N271208	Cable Caps for fiber Ø 12 mm, sold by each or bag of 10un
	PLU-N271209	Cable Caps for fiber Ø 13 mm, sold by each or bag of 10un
	PLU-N271210	Cable Caps for fiber Ø 14 mm, sold by each or bag of 10un