

# **CONSUMABLES**

**CABLE TIES**

**CABLE CLIPS**

**TAPES**

**SCREWS**

**BATTERIES**

**WIRE CONNECTORS**

**PROTECTIVE CREAMS**

**FIBRE OPTIC**

# Consumables



## CABLE CLIPS

Cable Clips with a single captive pin.

|               |                         |       |
|---------------|-------------------------|-------|
| <b>CP5011</b> | Cable Clip 3.5mm White  | (100) |
| <b>CP5010</b> | Cable Clip 3.5mm Black  | (100) |
| <b>CP5013</b> | Cable Clip 4.0mm White  | (100) |
| <b>CP5012</b> | Cable Clip 4.0mm Black  | (100) |
| <b>CP5015</b> | Cable Clip 5.0mm White  | (100) |
| <b>CP5014</b> | Cable Clip 5.0mm Black  | (100) |
| <b>CP5017</b> | Cable Clip 6.0mm White  | (100) |
| <b>CP5016</b> | Cable Clip 6.0mm Black  | (100) |
| <b>CP5019</b> | Cable Clip 7.0mm White  | (100) |
| <b>CP5018</b> | Cable Clip 7.0mm Black  | (100) |
| <b>CP5021</b> | Cable Clip 8.0mm White  | (100) |
| <b>CP5020</b> | Cable Clip 8.0mm Black  | (100) |
| <b>CP5023</b> | Cable Clip 9.0mm White  | (100) |
| <b>CP5022</b> | Cable Clip 9.0mm Black  | (100) |
| <b>CP5025</b> | Cable Clip 10.0mm White | (100) |
| <b>CP5024</b> | Cable Clip 10.0mm Black | (100) |
| <b>CP5027</b> | Cable Clip 11.0mm White | (100) |
| <b>CP5026</b> | Cable Clip 11.0mm Black | (100) |
| <b>CP5029</b> | Cable Clip 12.0mm White | (100) |
| <b>CP5028</b> | Cable Clip 12.0mm Black | (100) |
| <b>CP5031</b> | Cable Clip 14.0mm White | (50)  |
| <b>CP5030</b> | Cable Clip 14.0mm Black | (50)  |
| <b>CP5033</b> | Cable Clip 16.0mm White | (50)  |
| <b>CP5032</b> | Cable Clip 16.0mm Black | (50)  |

## SCREWS

CS Pozidrive screws, packed in boxes of 200;

|               |                  |
|---------------|------------------|
| <b>CP5081</b> | Screw 6 x 3/4    |
| <b>CP5078</b> | Screw 6 x 1      |
| <b>CP5077</b> | Screw 6 x 1 1/2  |
| <b>CP5080</b> | Screw 6 x 2      |
| <b>CP5079</b> | Screw 6 x 2 1/2  |
| <b>CP5086</b> | Screw 8 x 3/4    |
| <b>CP5083</b> | Screw 8 x 1      |
| <b>CP5082</b> | Screw 8 x 1 1/2  |
| <b>CP5085</b> | Screw 8 x 2      |
| <b>CP5084</b> | Screw 8 x 2 1/2  |
| <b>CP5071</b> | Screw 10 x 3/4   |
| <b>CP5068</b> | Screw 10 x 1     |
| <b>CP5067</b> | Screw 10 x 1 1/2 |
| <b>CP5070</b> | Screw 10 x 2     |
| <b>CP5069</b> | Screw 10 x 2 1/2 |
| <b>CP5076</b> | Screw 12 x 3/4   |
| <b>CP5073</b> | Screw 12 x 1     |
| <b>CP5072</b> | Screw 12 x 1 1/2 |
| <b>CP5075</b> | Screw 12 x 2     |
| <b>CP5074</b> | Screw 12 x 2 1/2 |

## PIN PLUG 1A

**CP5350**



**CP5064 PINS STEEL**

**CP5094 STAPLES GALVANISED 45MM**

**CP5095 STAPLES GALVANISED 65MM**

**CP5091 STAPLES BRASS**

**CP5066 SCREW COACH 3"**

**CP5060 NAILS BONDING**

**CP5341 PLUG CREASOTED**

## BAG PACKING NO 3

General purpose packing bag  
**CP5001**



## TAPE PAPER INSULATED 2

Paper Tape for use on cable joints, each roll 2" wide.  
**CP5109**



## SEALING TAPE 50MM

A 50mm x 10m 'Denso' type tape for joint wrapping  
**CP5360**



## TAPE CABLING 50MM

Roll of cabling tape 50mm x 20m, used to secure cable grips to cables.  
**CP5108**



## TAPE 11A

A 200m reel of white poly tape for tying cable wrappings and bundles  
**CP5105**

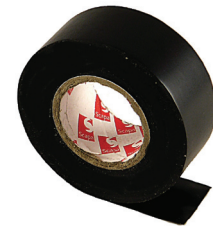


## TAPE PVC

PVC insulation tape 20m

**CP5110** 25mm black  
**CP5111** 25mm white  
**CP5112** 25mm yellow

**CP5113** 50mm black  
**CP5114** 50mm white  
**CP5115** 50mm yellow



## TAPE 12A

Used in jointing chambers to secure polyethylene cables  
**CP5106**

## TAPE ADHESIVE RUBBER

Rubber splicing tape 25mm x 5m  
 Has a high dielectric strength, and is an excellent moisture barrier  
**CP5107**

## COLD JOINT SEALER

**CP5034**



## TAPE SELF AMALGAMATING

Formable tape which bonds into a solid mass for excellent watertight seals. 25mm x 10m  
**CP5117**

## TAPE REINFORCING

A reinforcing tape for use with Sheets Rubber Self Adhesive  
**CP5116**



## MARKER HEAVY DUTY

Marker chalk yellow  
**CP5059**



## DRAWROPE NO.1

3 strand polypropylene draw rope, supplied on 500m drums.  
**CP5054**



## EYEBOLT EXPANDING

A single point fixing ring bolt for terminating dropwire

**CP5055** Eyebolt Expanding 1A  
**CP5056** Eyebolt Expanding 2A



## BOLT EXPANSION 1A

Used to secure manhole steps and cable bearers in manholes. Bolt size 1/2" x 2 3/4"

**CP5009**



# Consumables

## CONNECTOR DROPWIRE 2A

2 Wire gel-filled IDC connector with snap-over cap, conductor size 0.5-0.9mm

**CP5046**



## CP5052 DESSICANT PACK NO. 1

Used to dry out cable joints.

## CP5051 DESSICANT PACK 2A

Used to dry out unventilated Cabinets Cross Connection.



## CP5053 DESSICANT PACK NO. 3

Used to dry out cable joints.

## CP5049 CONNECTOR WIRE INSULATED 8A/1

A two wire gel-filled insulation displacement connector with extended, transparent body to ensure positive termination.

## CP5048 CONNECTOR WIRE INSULATED 11A

An IDC Connector can be used as an alternative to either Connector Wire Insulated 8A/1, 8B or Connector Dropwire 2A.

## CP5050 CONNECTOR WIRE INSULATED 8B

A 3 wire gel-filled version of CWI 8A/1

## CP5372 CONNECTOR WIRE INSULATED 8C

Half-tap, gel filled IDC Connector, connector size 0.4-0.9mm



## BATTERIES

Batteries supplied include:

**CP5006** Battery MN1500 (LR6-C)

**CP5005** Battery MN1400 (LR14-C)

**CP5004** Battery MN1300 (LR20-D)

**CP5007** Battery MN1604 (PP3)

**CP5008** Battery MN2400 (LR3)



**CP5089** SPRAY DEWATERING

**CP5090** SPRAY LUBRICANT

**CP5057** RED GEL (hand cleaner)

**CP5061** PAPER TOWELS

**CP5002** BARRIER CREAM

**CP5058** WET WIPES (150)

**CP5370** SILICONE SEALANT (clear)

**CP5371** SILICONE SEALANT (white)

**CP5336** PAINT MARKER GREY

**CP5337** PAINT MARKER YELLOW



## COLLET PAIRS

PVC Collets for multi pair cables, supplied black on yellow, in the following pack sets

|               |             |          |
|---------------|-------------|----------|
| <b>CP5035</b> | Collet Pair | 1/50     |
| <b>CP5036</b> | Collet Pair | 51/100   |
| <b>CP5037</b> | Collet Pair | 101/200  |
| <b>CP5038</b> | Collet Pair | 201/300  |
| <b>CP5039</b> | Collet Pair | 301/400  |
| <b>CP5040</b> | Collet Pair | 401/500  |
| <b>CP5041</b> | Collet Pair | 501/600  |
| <b>CP5042</b> | Collet Pair | 601/700  |
| <b>CP5043</b> | Collet Pair | 701/800  |
| <b>CP5044</b> | Collet Pair | 801/900  |
| <b>CP5045</b> | Collet Pair | 901/1000 |



## SOLUTION LEAK DETECTING NO 3

Leak Detecting solution  
**CP5088**



## BATTERY 6 VOLT

Standard 6 volt torch battery  
**CP5003**



## WALL PLUGS

Standard plastic wall plugs

Wall Plugs Yellow (4-8)  
**CP5339**

Wall Plugs Brown (10-14)  
**CP5340**

Wall Plugs Red (6-10)  
**CP5338**

## STAPLE GUN 28

General purpose staple gun, see below for staples  
**CP5092**



## STAPLES

White PVC coated staples size 28/10  
**CP5093**

## STRIPS ALUMINIUM

Aluminium Strips, supplied in packs of 20, in the following sizes

Strips Aluminium 80mm  
**CP5103**

Strips Aluminium 120mm  
**CP5101**

Strips Aluminium 160mm  
**CP5102**

## PEN MARKER NO 1

Black marker pen  
**CP5062**



## PEN MARKER NO 2

Gold marker pen  
**CP5063**

## SOLDER NO.7

Reel of solder for use during exchange type work  
**CP5087**



## STRAPS CABLE FIXING

- CP5099 SCF 1A** cable ties standard 275mm x 4.8mm
- CP5096 SCF 10A** cable ties standard 540mm x 13.0mm
- CP5097 SCF 12A** cable ties releasable 180mm x 7.5mm
- CP5098 SCF 14A** cable ties standard
- CP5100 SCF No.1** cable ties bobble type 110mm x 2.0mm



## CP5120 WASHER GALVANISED 4

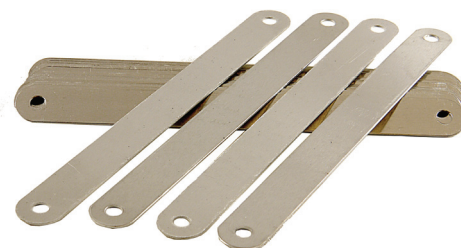
Circular washer 50mm diameter x 3mm thick with an 18mm hole.

## CP5118 WASHER GALVANISED 17

Tubular washer 3/4" suitable for bolts 5/8".

## CP5119 WASHER GALVANISED 18

Tubular washer 1 1/2" suitable for bolts 5/8".



# Consumables

## EPOTEK HEAT CURING EPOXY

Designed for high temperature use, this is a two component 100% solids heat curing epoxy. Excellent resistance to many types of solvents and chemicals and is ideal for bonding fibre optics. Long pot life, good handling, low dermatetic response and excellent wicking into fibre optic bundles.

**CP5122** Bag of 10 sachets EPO 353ND-4G



## RESINTECH FAST HEAT CURE EPOXY

Fast curing high temperature fibre optic adhesive.

- Glass transition temperature greater than 100°C giving out standing temperature performance.
- High surface energy and low viscosity - readily wets and wicks between optical fibres.
- Excellent adhesion to glass fibres as well as metal, ceramics and many plastics.
- Outstanding impact and thermal shock resistance.
- Colour change on cure from straw through amber red.

**CP5123** 4g sachet - pack of 5 RT153FC-TP5-004



## LOCTITE HYSOL EPOXI-PATCH KIT

Epoxi-Patch kit 0151 is ideally suited for bonding elastomeric to rigid substrates having widely different expansion coefficients. Clear, two-component 100% solids system having optical clarity when using thin films. Neutral colour an advantage where the bond line should not be noticeable.

Epoxi-Patch kit 608 is a high strength structural adhesive giving clear bond lines, optical clarity and fast set time. Ideal for high speed assembly and repair operations.

**CP5124** Epoxi-Patch Kit 0151 EPK 0151

**CP5125** Epoxi-Patch Kit 608 EPK 608



## SYRINGES

**CP5126** 1ml syringe BD300013

**CP5127** 2ml non-sterile syringe BD300202

**CP5128** 5ml non-sterile syringe BD301294



## SYRINGE TIPS

These 1" long 'blunt' stainless steel dispensing tips are available in a choice of three internal diameters. Permits precise syringe dispensing. 'Blunt' - medically safe.

|               | Internal dia. | Gauge | Colour       |
|---------------|---------------|-------|--------------|
| <b>CP5129</b> | 0.033"        | 8     | Pink TS18    |
| <b>CP5130</b> | 0.023"        | 20    | Yellow TS20  |
| <b>CP5131</b> | 0.016"        | 22    | Black TS22-1 |



## LOCTITE QUICK CURE ANAEROBIC EPOXY

Single component high strength cold-cure anaerobic retaining adhesive. Maximum strength used where high dynamic forces or cyclic loading is expected (e.g. retaining bushings into housings and sleeves on shafts). 50ml bottle will terminate approx. 500 fibre ends.

**CP5132** 50ml bottle 638



## LOCTITE ACTIVATOR PRIMER

Single component non-CFC solvent based surface activator designed to promote the cure speed of Loctite anaerobic adhesives. Ideal for applications with passive metals, inert surfaces or large bond gaps. Can be used when cure temperatures are below room temperature and recommended for use below 15°C.

**CP5133** 500ml can 7649

**CP5390** 150ml aerosol 7649



## 3M LAPPING FILMS

Use for fined, consistent, precision finishes. Micron-graded premium minerals. Resin-bonded for reliable, repeatable performance. High strength polyester precision backing.

### Lapping sheets

#### Aluminium oxide lapping sheets - 215 x 280mm, packs of 50

|               |               |      |
|---------------|---------------|------|
| <b>CP5134</b> | 0.05µm yellow | 263X |
| <b>CP5135</b> | 0.3µm white   | 261X |
| <b>CP5136</b> | 1µm green     | 262X |
| <b>CP5137</b> | 3µm pink 2    | 61X  |
| <b>CP5138</b> | 5µm brown     | 261X |
| <b>CP5139</b> | 9µm blue      | 261X |
| <b>CP5140</b> | 12µm yellow   | 261X |
| <b>CP5141</b> | 30µm green    | 261X |



#### Diamond lapping sheets type H - 230 x 280mm, packs of 10

|               |             |       |
|---------------|-------------|-------|
| <b>CP5142</b> | 0.5µm white | 662XW |
| <b>CP5143</b> | 1µm violet  | 662XW |
| <b>CP5144</b> | 3µm violet  | 662XW |
| <b>CP5145</b> | 6µm brown   | 662XW |
| <b>CP5146</b> | 9µm blue    | 662XW |

### Polishing discs

#### Standard - packs of 50

|               |                             |       |
|---------------|-----------------------------|-------|
| <b>CP5147</b> | 0.02µm white 127mm diameter | 863XW |
| <b>CP5148</b> | 0.02µm white 110mm diameter | 863XW |

#### N10 diamond - per disc

|               |                      |       |
|---------------|----------------------|-------|
| <b>CP5149</b> | Black 127mm diameter | 6648J |
| <b>CP5150</b> | Black 110mm diameter | 6648J |

#### Slurry-free discs - per disc

|               |                              |      |
|---------------|------------------------------|------|
| <b>CP5151</b> | 0.02µm violet 127mm diameter | 861X |
|---------------|------------------------------|------|

## 3M DIAMOND LAPPING DISCS

A higher diamond concentration and a stronger resin bond give this product added durability and increased cut rate over standard diamond lapping film.

### Lapping discs

#### Diamond lapping discs - 127mm diameter, packs of 25

|               |             |       |
|---------------|-------------|-------|
| <b>CP5152</b> | 0.5µm white | 662XW |
| <b>CP5153</b> | 1µm violet  | 662XW |
| <b>CP5154</b> | 3µm pink    | 662XW |
| <b>CP5155</b> | 6µm brown   | 662XW |
| <b>CP5156</b> | 9µm blue    | 662XW |



#### Diamond lapping discs - 110mm diameter, packs of 25

|               |             |       |
|---------------|-------------|-------|
| <b>CP5157</b> | 0.5µm white | 662XW |
| <b>CP5158</b> | 1µm violet  | 662XU |
| <b>CP5159</b> | 3µm pink    | 662XW |
| <b>CP5160</b> | 6µm brown   | 662XW |

#### Silicon carbide lapping discs - 127mm diameter, packs of 50

|               |             |      |
|---------------|-------------|------|
| <b>CP5161</b> | 5µm grey    | 464X |
| <b>CP5162</b> | 15µm orange | 461X |

## TECHLUBE FIBRE OPTIC CABLE LUBRICANT

Offering installers a green alternative to traditional isopropyl alcohol (IPA) cleaning solutions, the P.T. range of cleaning wipes, solutions and lubricants are all full strength solvents that are nonflammable, non-toxic, water rinseable, non-ozone depleting and worker safe. As a non-volatile alternative to IPA cleaners, there are obvious Health and Safety compliance benefits.

High performance water polymer lubricant engineered to meet the specific demands of pulling fibre optic cables.

- Far cheaper per litre than other commonly used water polymer lubricants.
- Pourable low viscosity stringy liquid coats evenly and clings to cable, even in wet conditions.
- Slow drying and leaves a residual lubricating film.
- Superior friction reduction.
- Biodegradable and harmless to workers.

**CP5163 Tub of 20 litres TLFO20**



# Consumables

## D'GEL FIBRE OPTIC GEL CLEANING SOLUTION

Designed to quickly, easily and effectively remove interstitial cable filling compounds without damage to jacketing, tools, gloves or operators hands, painted surfaces, equipment etc.

- Safe replacement for chlorinated solvents, kerosenes, isopropyl alcohol (IPA) and other mineral spirits - does not contain any halogenated solvents or suspected carcinogens, teratogens or mutagens.
- Environmentally responsible and non ozone depleting – contains no CFS or HCFCs.
- Does not require expensive chemical waste handling or special disposal methods.
- Fully compatible with all cable insulation and components, metals and plastics - tested for full compatibility with Telco components.

**CP5164 One litre squirt bottle DGEL1**

**CP5165 Box of 12 x one litre squirt bottles DGEL1**

**CP5166 Tub of 100 saturated wipes DGELBW100**



## PF ANTI BAC ANTI BACTERIAL HAND CLEANING WIPES

Essential anti bacterial hand cleaning wipes for the prevention of Weils Disease.

- Heavy duty cloth construction with one abrasive and one smooth side per wipe.
- No water required.
- Contains rehydration additive to prevent skin drying.
- 100 cloth wipes per tub.

**CP5167 Tub of 100 Anti-Bac wipes PFI476BW**



## OPTRONICS DE-IONISED WATER

**CP5168 1litre bottle de-ionised water**

## NOYES FIBRE CLEANING KIT

A fibre optic cleaning kit for field cleaning connector end-faces in optical distribution frames, adaptors and on patch leads. Using a non-hazardous cleaning fluid and moulded cleaning tips, the kit delivers compact, safe, easy-to-use, reliable cleaning for all types of fibre optic connector end-faces including Military and Multiple-Fibre Ferrule designs. Each standard kit consists of a wall/rack mountable carry case, cleaning fluid and colour coded instructions. The case is fitted using Hook and Loop tape.

**Note: other kits are available or can be custom designed to your requirements.**

**CP5169 1 x 40 tips for FC, SC and ST adaptors in blue tube  
2 x 20 tips for all connector ends in yellow tubes**

**CP5170 1 x 40 tips for FC, SC and ST adaptors in blue tube  
1 x 40 tips for LC and MU adaptors in green tube  
1 x 40 tips for D4 and Mil socket adaptors in orange tube**

**2 x 20 tips for all connector ends in yellow tube  
2 x 20 tips for MTP, MPO and MPX in pink tube**

## FOAM BUDS FOR 2.5MM APERTURES

Foam buds with a 75mm plastic handle specifically designed for cleaning 2.5mm (FC and ST) uniters, attenuators etc.

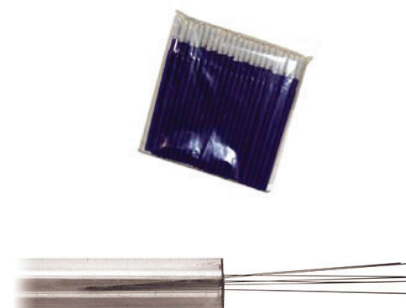
**CP5171 Pack of 50 foam buds AM 80408-12**



## 3M CLEANING WIRES

Steel wire for clearing obstructions inside 125µm connector ferrules.

**CP5172 Pack of 12 cleaning wires 80610443451**





## TECHSPRAY ENVIROTECH AEROSOL DUSTER

Techspray EnviRoTech Removes microscopic contaminants, lint, dust, metallic oxide deposits and other soils. Formulated with 100% HFC-134a (1,1,2-tetrafluoroethane) - ozone-safe and exceptionally pure inert gas. Odourless, non-flammable, moisture-free, non-abrasive, and leaves no residue.

**CP5173 250ml EnviRoTech Aerosol Duster 1671-10S**



## TECHSPRAY IPA WIPES

Isopropyl alcohol 99.6%+ pure, anhydrous isopropanol for general purpose cleaning. Excellent for flux removal, prewrapped presaturated wipes ideal for field service and benchtop work

- **Non-ozone depleting.**
- **Safe on plastics.**
- **Rapidly evaporating.**
- **Zero residue.**
- **Non-corrosive.**

**CP5174 Pack of 50 wipes 1610-50PK**

## LINT FREE WIPES / TISSUES

High quality 100 x 100mm lint free cloths available in packs of 100 and 400.

**CP5175 Pack of 100 wipes VOL-0560P**  
**CP5176 Pack of 400 tissues CLT500**

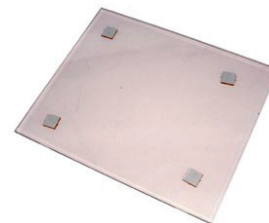


## OPTRONICS POLISHING PLATE AND CLEAVE TILE

Suitable for polishing most industry standard connectors, OPTRONICS glass polishing plates have non-slip padded feet and bevelled edges. 6mm thick and available in two sizes: A4 (250 x 300mm) and 120 x 150mm.

The OPTRONICS cleaving tile is very cost effective for busy manufacturing environments. All four edges of the tile can be used before the tile is finally thrown away. Dimensions 50 x 50mm.

**CP5177 Glass polishing plate 250 x 300mm**  
**CP5178 Glass polishing plate 120 x 150mm**  
**CP5179 Cleave tile 50 x 50mm**



## SPLICE PROTECTORS

Designed to restore the environmental and mechanical integrity of the coating or buffer of optical fibre after fusion splicing.

- Hot melt adhesive tube bonds to fibre and heat-shrinkable outer tube to encapsulate fusion splice.
- Pre-shrunk to guarantee sleeve components will not come apart prior to use and eliminates possibility of trapped air.
- Single aperture to prevent misaligned fibres.
- Compatible with all splice sleeve ovens and trays.

**CP5180 61mm clear splice protector PS-3A-X**  
**CP5181 61mm pack of 11 mixed colours PS-3A**  
**CP5182 35mm clear splice protector PS-3A-X35**  
**CP5183 35mm pack of 11 mixed colours PS-3A-35**  
**CP5184 Splice protector for 4, 8 & 12 ribbon fibres PS-99-X40C**



## SPLICING BRIDGE

- MAINFRAME splice bridge with lid
- Splice bridge with no lid and no adhesive
- Double sided sticky pad for splice bridges

**CP5185 MAINFRAME 24-way splice bridge with lid**  
**CP5186 24-way splice bridge without lid or adhesive**  
**CP5187 Double sided sticky pad 25mm x 90mm**

# Consumables

## FIBRE PIGTAILS

Optronics fibre optic pigtails are essential when terminating cables within splice enclosures. Purchasing pre-polished assemblies eliminates the risk of poor termination away from the installation. The Optronics range of fibre optic pigtails has grown through the years, from everyday standard versions to special products to meet your exacting needs. The industry standard OM1, OM2 and OS1 pigtails through to the latest OM3 cable assemblies can all be supplied from stock



### Multimode Tight Buffered

|                      | OM1    | OM2    | OM3    |
|----------------------|--------|--------|--------|
| ST Tight Buffered 1m | CP5189 | CP5192 | CP5195 |
| SC Tight Buffered 1m | CP5190 | CP5193 | CP5196 |
| LC Tight Buffered 1m | CP5191 | CP5194 | CP5197 |

### Multimode Easystrip

|                 | OM1    | OM2    | OM3    |
|-----------------|--------|--------|--------|
| ST Easystrip 1m | CP5203 | CP5206 | CP5209 |
| SC Easystrip 1m | CP5204 | CP5207 | CP5210 |
| LC Easystrip 1m | CP5205 | CP5208 | CP5211 |

### Singlemode Tight Buffered

|                          | OS1    |
|--------------------------|--------|
| ST/UPC Tight Buffered 1m | CP5198 |
| SC/UPC Tight Buffered 1m | CP5199 |
| A8 Tight Buffered 1m     | CP5200 |
| PC Tight Buffered 1m     | CP5201 |
| UPC Tight Buffered 1m    | CP5202 |
| UPC Tight Buffered 1m    | CP5203 |

### Singlemode Easystrip

|                     | OS1    |
|---------------------|--------|
| ST/UPC Easystrip 1m | CP5212 |
| SC/UPC Easystrip 1m | CP5213 |
| SC/APC Easystrip 1m | CP5214 |
| UPC Easystrip 1m    | CP5215 |
| APC Easystrip 1m    | CP5216 |
| LC/UPC Easystrip 1m | CP5217 |

## OPTRONICS MULTIMODE DUPLEX PATCHCORDS

### MULTIMODE PATCH CORDS

OPTRONICS patchcords utilise the best quality connectors and cables available, backed up with over 14 years manufacturing experience in producing fibre optic cable assemblies.

- Each assembly is packaged individually and individually identified for traceability.
- Every OPTRONICS patchcord is 100% tested and supplied with its own test certification.
- Stock available in yellow, orange, grey and violet.
- Listed are our most popular multimode duplex patchcords we can supply patchcords in all connector types, cable lengths and colours, call Bluedot Telecom Sales Office with your requirements.

### OM1 62.5/125µm duplex patchcords

|       | ST            | SC            | MT-RJ         | LC            |
|-------|---------------|---------------|---------------|---------------|
| ST    | 146-17F/x/GRY | 146-90A/x/GRY | 165-34D/x/GRY | 167-56E/x/GRY |
| SC    | 146-90A/x/GRY | 147-68A/x/GRY | 165-35E/x/GRY | 167-55D/x/GRY |
| MT-RJ | 165-34D/x/GRY | 165-35E/x/GRY | 165-33C/x/GRY | 169-79B/x/GRY |
| LC    | 167-56E/x/GRY | 167-55D/x/GRY | 169-79B/x/GRY | 167-57F/x/GRY |

### OM2 50/125µm duplex patchcords

|       | ST            | SC            | MT-RJ         | LC            |
|-------|---------------|---------------|---------------|---------------|
| ST    | 149-18B/x/ORG | 165-21D/x/ORG | 168-34E/x/ORG | 168-97D/x/ORG |
| SC    | 165-21D/x/ORG | 149-64F/x/ORG | 168-10E/x/ORG | 168-40A/x/ORG |
| MT-RJ | 168-34E/x/ORG | 168-10E/x/ORG | 168-11F/x/ORG | 17037F/x/ORG  |
| LC    | 168-97D/x/ORG | 168-40A/x/ORG | 170-37F/x/ORG | 168-63F/x/ORG |

### OM3 50/125µm duplex patchcords

|       | ST            | SC            | MT-RJ         | LC            |
|-------|---------------|---------------|---------------|---------------|
| ST    | 175-42A/x/VIO | 180-30C/x/VIO | 182-92A/x/VIO | 182-91F/x/VIO |
| SC    | 180-30C/x/VIO | 173-54E/x/VIO | 175-40E/x/VIO | 173-36E/x/VIO |
| MT-RJ | 182-92A/x/VIO | 175-40E/x/VIO | 182-93B/x/VIO | 175-41F/x/VIO |
| LC    | 182-91F/x/VIO | 173-36E/x/VIO | 175-41F/x/VIO | 173-38A/x/VIO |

x = Length required, substitute the 'x' for 1, 2, 3, 5 or 10 (metres),  
i.e. 14617F/1/GRY = 1m OM1 62.5/125µm ST to ST in Grey



## OPTRONICS SINGLEMODE DUPLEX PATCHCORDS

### SINGLEMODE PATCH CORDS

OPTRONICS patchcords utilise the best quality connectors and cables available, backed up with over 14 years manufacturing experience in producing fibre optic cable assemblies.

- Each assembly is packaged individually and individually identified for traceability.
- Every OPTRONICS patchcord is 100% tested and supplied with its own test certification.
- For details about our range of SIMPLEX assemblies, call Bluedot Telecoms Sales Office.

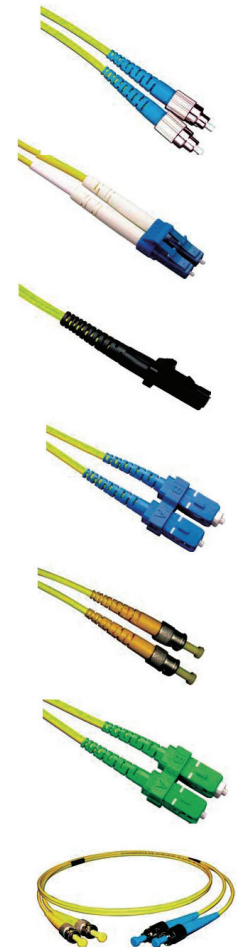
#### OS1 9/125µm duplex patchcords

|          | FC/PC         | FC/APC        | LC/PC         | MT-RJ         | SC/PC         |
|----------|---------------|---------------|---------------|---------------|---------------|
| FC/PC    | 163-61B/x/YLW | *             | 168-65B/x/YLW | 168-46A/x/YLW | 163-64E/x/YLW |
| FC/APC   | *             | 122-33B/x/YLW | 181-52E/x/YLW | *             | *             |
| LC/PC    | 168-65B/x/YLW | 181-52E/x/YLW | 168-64A/x/YLW | 179-65D/x/YLW | 167-54C/x/YLW |
| MT-RJ    | 168-46A/x/YLW | *             | 179-65D/x/YLW | 167-75E/x/YLW | 167-74E/x/YLW |
| SC/PC    | 163-64E/x/YLW | *             | 167-54C/x/YLW | 167-74E/x/YLW | 163-60A/x/YLW |
| SC/APC   | 173-59D/x/YLW | 182-21B/x/YLW | 181-19B/x/YLW | 183-41B/x/YLW | *             |
| ST/PC    | 160-84C/x/YLW | *             | 173-53D/x/YLW | 172-34E/x/YLW | 160-06F/x/YLW |
| E2000/PC | 163-63D/x/YLW | *             | 180-45F/x/YLW | 182-73F/x/YLW | 171-76A/x/YLW |
| E2000/A8 | 173-42E/x/YLW | *             | 171-72C/x/YLW | 182-74A/x/YLW | 172-32C/x/YLW |

#### OS1 9/125µm duplex patchcords

|          | SC/APC        | ST/PC         | E2000/PC      | E2000/A8      |
|----------|---------------|---------------|---------------|---------------|
| FC/PC    | 176-59D/x/YLW | 160-84C/x/YLW | 163-63D/x/YLW | 173-42E/x/YLW |
| FC/APC   | 182-21B/x/YLW | *             | *             | *             |
| LC/PC    | 181-19B/x/YLW | 173-53D/x/YLW | 180-45F/x/YLW | 171-72C/x/YLW |
| MT-RJ    | 183-41B/x/YLW | 172-34E/x/YLW | 182-73F/x/YLW | 182-74A/x/YLW |
| SC/PC    | 173-32a/x/YLW | 160-06F/x/YLW | 171-76A/x/YLW | 172-32C/x/YLW |
| SC/APC   | 173-31F/x/YLW | 171-20E/x/YLW | *             | 180-32E/x/YLW |
| ST/PC    | 171-20E/x/YLW | 149-15E/x/YLW | 173-20A/x/YLW | 182-72E/x/YLW |
| E2000/PC | *             | 173-20A/x/YLW | 180-46A/x/YLW | 172-53F/x/YLW |
| E2000/A8 | 180-32E/x/YLW | 182-72E/x/YLW | 172-53F/x/YLW | 171-75F/x/YLW |

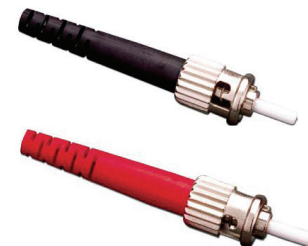
x = Length required, substitute the 'x' for 1, 2, 3, 5 or 10 (metres),  
i.e. 16361B/1/YLW = 1m OS1 9/125µm FC/PC to FC/PC in Yellow  
\* CALL FOR DETAILS



### ST FIBRE OPTIC CONNECTORS & UNTERS

The ST connector can be found in most communications rooms around the world. Mainly used in data communications systems, the ST connector uses a simple bayonet locking system that reduces the risks of accidental disconnection. OPTRONICS ST fibre optic connectors use a nickelplated brass body and a ceramic ferrule/spring/crimp barrel assembly, together with a crimp-over-sleeve and rubber boot. OPTRONICS ST connectors are suitable for 900µm and 3mm cables. Manufactured to exacting specifications, the combination of a ceramic ferrule and a precision engineered metal housing ensures reliable longterm mechanical and optical performance.

- Manufactured using the highest quality components, exceeding all areas of the standards covering optical fibre connectors.
- Connector versions available for 3mm cable & 900µm buffered fibre.



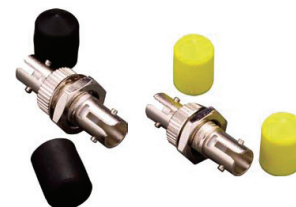
#### ST CONNECTORS

**CP5304** MultimodeSimplex Black 900µm boot  
**CP5305** Simplex Black 3mm boot  
**CP5306** Simplex Red 3mm boot

**CP5307** SinglemodeSimplex Yellow 900µm boot  
**CP5308** Simplex Yellow 3mm boot

#### ST UNTERS

**CP5309** Multimode Black Phopshor Bronze  
**CP5310** Singlemode Yellow Ceramic



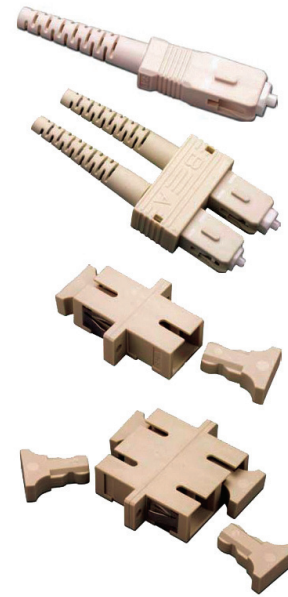
# Consumables

## SC FIBRE OPTIC CONNECTORS AND UNITERS

OPTRONICS SC fibre optic connectors are comprised of a polymer body and ceramic ferrule/spring/crimp barrel with a crimp oversleeve and rubber boot. Suitable for 900µm and 3mm cables, connectors are manufactured to exacting specifications and tolerances. The ceramic ferrule together with the precision-engineered polymer housing ensures consistent long-term mechanical and optical performance. Two single OPTRONICS SC connectors can be coupled together to form a duplex version, quickly and easily, allowing the user to choose between crossover or straight-through. The SC connector is the most popular optical fibre connector in use today, seen in every area of the communications environment, from a telecoms distribution room to a local area network closet.

- Manufactured using the best quality components, exceeding all areas of the standards covering optical fibre connectors.
- Back shell: connector versions available for 3mm cable & 900µm buffered fibre.

Simplex and duplex versions available (duplex uses two simplex connectors with coupling clip).



### SC CONNECTORS

#### Multimode

|               |                |                         |
|---------------|----------------|-------------------------|
| <b>CP5311</b> | <b>Simplex</b> | <b>Beige 900µm boot</b> |
| <b>CP5312</b> | <b>Simplex</b> | <b>Beige 3mm boot</b>   |
| <b>CP5313</b> | <b>Duplex</b>  | <b>Beige 3mm boot</b>   |

#### Singlemode

|               |                |                        |
|---------------|----------------|------------------------|
| <b>CP5314</b> | <b>Simplex</b> | <b>Blue 900µm boot</b> |
| <b>CP5315</b> | <b>Simplex</b> | <b>Blue 3mm boot</b>   |
| <b>CP5316</b> | <b>Duplex</b>  | <b>Blue 3mm boot</b>   |

#### Singlemode APC

|               |                |                         |
|---------------|----------------|-------------------------|
| <b>CP5317</b> | <b>Simplex</b> | <b>Green 900µm boot</b> |
| <b>CP5318</b> | <b>Simplex</b> | <b>Green 3mm boot</b>   |

### SC UNITERS

|               |                               |                              |
|---------------|-------------------------------|------------------------------|
| <b>CP5319</b> | <b>Multimode simplex</b>      | <b>Beige Phosphor Bronze</b> |
| <b>CP5320</b> | <b>Multimode duplex</b>       | <b>Beige Phosphor Bronze</b> |
| <b>CP5321</b> | <b>Singlemode simplex</b>     | <b>Blue Ceramic</b>          |
| <b>CP5322</b> | <b>Singlemode duplex</b>      | <b>Blue Ceramic</b>          |
| <b>CP5323</b> | <b>Singlemode APC simplex</b> | <b>Green Ceramic</b>         |
| <b>CP5324</b> | <b>Singlemode APC duplex</b>  | <b>Green Ceramic</b>         |

## FC FIBRE OPTIC CONNECTORS & UNITERS

Used extensively in the telecommunications market where singlemode fibre cables can run upwards of 50km, the FC connector delivers extremely low losses and accurate geometry. OPTRONICS FC fibre optic connectors are comprised of a nickelplated brass body, ceramic ferrule/spring/crimp barrel assembly together with a crimpover-sleeve and rubber boot. Suitable for 900µm and 3mm cables, the FC connector is precision engineered to exacting specifications. The ceramic ferrule and exacting nickel-plated brass housing delivers consistent longterm mechanical and optical performance

- Available in singlemode UPC and APC versions.
- Manufactured using the best quality components, exceeding all areas of the standards covering optical fibre connectors.
- Connector versions available for 3mm cable & 900µm buffered fibre.



### FC connectors

#### Singlemode-UPC

|               |                |                        |
|---------------|----------------|------------------------|
| <b>CP5325</b> | <b>Simplex</b> | <b>Blue 900µm boot</b> |
| <b>CP5326</b> | <b>Simplex</b> | <b>Blue 3mm boot</b>   |

#### Singlemode APC

|               |                |                         |
|---------------|----------------|-------------------------|
| <b>CP5327</b> | <b>Simplex</b> | <b>Green 900µm boot</b> |
| <b>CP5328</b> | <b>Simplex</b> | <b>Green 3mm boot</b>   |

### FC uniters

|               |                   |                              |
|---------------|-------------------|------------------------------|
| <b>CP5329</b> | <b>Multimode</b>  | <b>Black Phosphor Bronze</b> |
| <b>CP5330</b> | <b>Singlemode</b> | <b>White Ceramic</b>         |



## LC FIBRE OPTIC CONNECTORS & UNITERS

Occupying half the space of connectors such as the SC, the LC connector was the first small form factor (SFF) connector launched to the market. Used extensively in the local area network closet as standard fit to many market leading hubs and switches, the LC connector sets the standard for small fibre optic connectors. OPTRONICS LC fibre optic connectors use a polymer body and ceramic ferrule/spring/crimp barrel assembly together with a crimp-over-sleeve and rubber boot. Suitable for 900µm and 2mm cables, the connector is manufactured to stringent specifications with the combination of ceramic ferrule and plastic body ensuring reliable long-term performance.

- **Manufactured using the best quality components, exceeding all areas of the standards covering optical fibre connectors.**
- **Shell: connector versions available for 2mm cable and 900µm buffered fibre.**
- **Simplex and duplex versions available.**

### LC connectors

#### Multimode

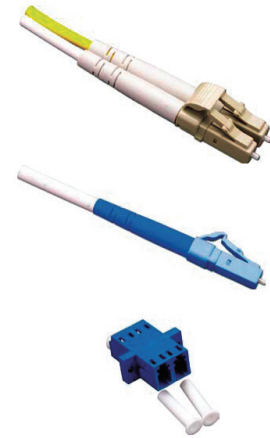
|               |         |                  |
|---------------|---------|------------------|
| <b>CP5331</b> | Simplex | Beige 900µm boot |
| <b>CP5332</b> | Simplex | Beige 2mm boot   |
| <b>CP5333</b> | Duplex  | Beige 2mm boot   |

#### Singlemode

|               |         |                 |
|---------------|---------|-----------------|
| <b>CP5334</b> | Simplex | Blue 900µm boot |
| <b>CP5335</b> | Duplex  | Blue 2mm boot   |

### LC uniters\*

|               |                   |                       |
|---------------|-------------------|-----------------------|
| <b>CP5381</b> | Multimode duplex  | Beige Phosphor Bronze |
| <b>CP5382</b> | Singlemode duplex | Blue Phosphor Bronze  |



# Consumables