


## Installation Practice for EZ Bend Fibre Leads

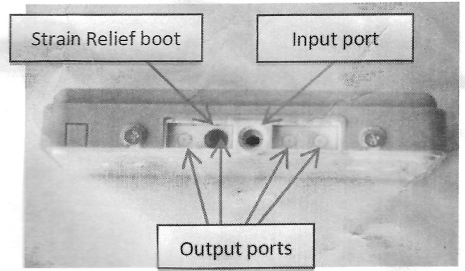
Instructions below detail the preparation and installation techniques required to install an EZ Bend Fibre Lead into a CSP. The fibre lead is deployed both internally / externally between the CSP and customer ONT.  
Refer to EPT/COF/D888 for full CSP installation instructions

 All appropriate BT safety practices should be observed when splicing and handling optical fibre products

### 1 CSP ( Customer Splice Point) Design



### 2 CSP Port Layout

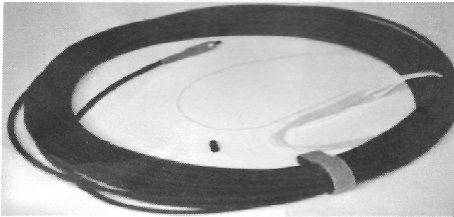


The following CSP products are available, the choice being dependent on deployment location and general aesthetics.

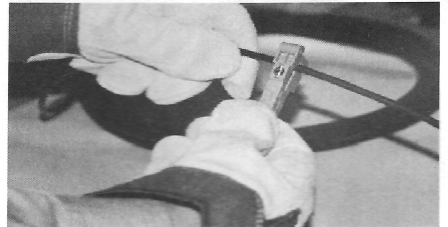
- External CSP (Grey) Item code 061818
  - External CSP (Brown) Item code 061819
  - Internal CSP (White) Item code 061817
- Note; The default colour for External CSP is Grey, other variants are fitted at request of the customer

- Input port 1 x 10mm open port for Drop Tube entry.
- Output Ports 4 x 6mm sealed entry ports for EZ Bend Leads.
- O/P Ports should be opened using a 6mm drill.
- Rubber strain relief boot supplied should be fitted before the EZ Bend Lead/s is inserted.

### 3 EZ Bend product description



### 4 EZ Bend Lead Fibre preparation

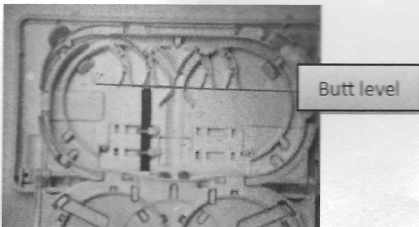


EZ Bend Leads are pre-connectorised at one end and available as

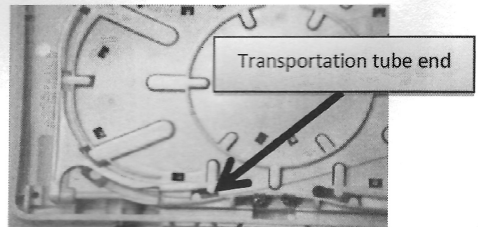
- EZ Bend Leads 20m (White) Item Code 061820
- EZ Bend Leads 30m (White) Item Code 061821
- EZ Bend Leads 20m (Black) Item Code 061822
- EZ Bend Leads 30m (Black) Item Code 061823

- Measure and sheath mark the EZ Bend Lead at 1.5 metres from end of Lead.
- Using Strippers Fibre 1A circumferentially cut at the sheath mark and remove sheath.
- Separate the single fibre from the Aramid yarns.
- Cut and remove the yarns to the sheath butt.
- Feed the fibre through the length of 1mm transportation tube supplied.
- This tube will slide down the fibre to the cable butt area.

### 5 EZ Bend Fibre Lead Fibre management



### 6 EZ Bend Fibre Lead Fibre routing



- Insert the prepared Lead end through the appropriate strain relief boot/Output Port up to the butt mark shown above.
- Lay the 1mm transportation tube around lower splice tray module and route up onto upper splicing tray.
- Secure the EZ Bend sheath to the CSP using 2 x 2.5x100mm cable ties.
- Close upper splice tray onto the lower splice tray module.

- Adjust the length of the 1mm transportation tube by sliding the tube along the fibre within the sheath of the Lead.
- The 1mm transportation tube should end at the second fibre retention lug. (shown above)
- Route fibre around splice tray to await splicing.

Note: The 230mm x 1mm transportation tube supplied will accommodate EZ Bend Lead entry from any of the 4 Output Ports.