



Overview:

FIBER OPTIC PATCH CORDS ARE BASICALLY JUMPER CABLES FOR THE CONNECTION OF FIBER OPTIC EQUIPMENT TO EQUIPMENT OR PATCH PANEL TO EQUIPMENT. IT COMPRISED OF A PATCH CABLE TERMINATED WITH CONNECTORS. THERE ARE MANY VARIATIONS FOR FIBERS, CABLES AND CONNECTORS. FOR FIBER, IT CAN BE SINGLEMODE OR MULTIMODE (50UM, 62.5UM, OM3 ETC.) TYPE. AS FOR CABLE, THERE ARE SIMPLEX AND DUPLEX TYPES. FOR CONNECTOR, TO NAME A FEW COMMON ONES ARE ST, SC, FC, LC, ST, E-2000 (E2K) ETC.

Technical Specifications:

| Header : | |
|---|---|
| Brand : FES | |
| Product Line : Forever Engineering Systems Pvt. Ltd. | |
| Features: | |
| <ul style="list-style-type: none"> o Adopts high precision ceramic ferrule with good concentricity o Compact & Strong crimping offers exceptional tensile strength in cable assemblies o Low insertion & return loss o Clean & scratch free end faces o Good performance endurance under charging circumstances. | |
| Specifications: | |
| o Connector Type | SC/LC/FC/ST/E-2000 |
| o Cable Type | PVC & LSZH (Simplex & Duplex) |
| o Connector Ferrule | Ceramic |
| o Apex Offset | <50um |
| o Fiber Height | +100nm |
| o End face radius of Curvature | 7mm <R <25mm |
| o Repeatability | ≤ 0.2dB 1000 times mating cycles |
| o Cable Colour | Yellow / Orange / Aqua |
| o Cable Length | 1m/2m/3m (More lengths on request) |
| o Insertion Loss | Typical ≤2.0dB, Max. 0.3dB |
| o Return Loss | PC ≥ 45dB, UPC ≥ 50dB, APC ≥ 60dB, ≥ 30dB (multimode) |

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Environmental Parameters

- o Operating Temperature : 40° to 85°C
- o Humidity Range Operating :10 - 85%

Compatibility

- o ALL MAKES Supported



SC-SC Simplex



SC-LC Simplex



FC-FC Duplex



E2K-E2K Simplex



FC-SC Duplex



ST-ST Duplex

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