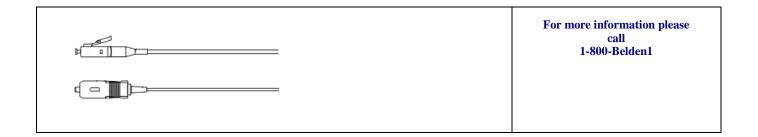


TFxxxx

Cable Assemblies – FiberExpress Field Termination



Description:

FiberExpress, Cable Assembly, Field Termination

Usage(Overall):

| Suitable Applications: | Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area |
|------------------------|---|
| Related Parts: | FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames |
| | and Cassettes. Workstation Oultlets |

PHYSICAL CHARACTERISTICS (CONNECTIVITY):

Materials: (numbering chart)

| TF FX Field Termination | Fiber Type | Connectors | Cable Type | Family | Packaging |
|-------------------------|------------|------------|------------|--------|-----------|
| TF | 3 | LC | 900 | Р | S01 |

| 1 OM1 | LC LC Simplex | 900 Tight Buffer | P Fusion Pigtails | S01 Single Pack |
|-------|---------------|------------------|-------------------|-------------------|
| 2 OM2 | SC SC Simplex | | | R12 Rainbow 12 Pk |
| 3 OM3 | ST ST | | | |
| 4 OM4 | FC FC | | | |
| S OS2 | | | | |

| Wiring Scheme: | TIA/EIA 568-C.3 |
|----------------|---|
| Packaging | Individually packaged in a clear plastic bag. |

MECHANICAL SPECIFICATION

| Fiber Cable Type | Max. Ten | sion (N) | Max. Crush Resistance (N/100) | | |
|--------------------------|------------|------------|-------------------------------|------------|--|
| | Short-Term | Long- Term | Short-Term | Long- Term | |
| 900 Tight Buffer Pigtail | 30 | 20 | 100 | 50 | |

OPTICAL CHARACTERISTICS (FINISHED PRODUCT TEST)

| Туре | OM1 | OM2 | OM3 | OM4 | OS2 |
|----------------|-----------|-----------|-----------|-----------|-----------|
| Insertion Loss | ≤ 0.3dB @ |
| | 850nm | 850nm | 850nm | 850nm | 1310nm |
| Return Loss | ≥ 25dB @ | ≥ 25dB @ | ≥ 25dB @ | ≥ 25dB @ | ≥ 50dB @ |
| | 850nm | 850nm | 850nm | 850nm | 1310nm |

Detailed Specifications & Technical Data



TFxxxx

Cable Assemblies – FiberExpress Field Termination

APPLICABLE STANDARD & ENVIROMENTAL PROGRAMS:

| Telecommunication Standards: | TIA 568-C.3 |
|------------------------------|-------------|
| EU RoHS Compliant (Y/N) | Y |
| EU RoHS Compliance Date | Mar 2008 |

SOME STANDARD PRODUCTS WITH DESCRIPTION:

| Item* | Description | Cable Colour* | Len gth |
|--------------|--|---------------|------------|
| TF4LC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, MULTIMODE OM4 | Erica Violet | 2m |
| TF3LC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, MULTIMODE OM3 | Aqua | 2m |
| TFSLC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, SINGLEMODE OS2 | Yellow | 2m |
| TF4SC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, MULTIMODE OM4 | Erica Violet | 2m |
| TF3SC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, MULTIMODE OM3 | Aqua | 2m |
| TFSSC900PS01 | FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, SINGLEMODE OS2 | Yellow | 2m |

Note: * The product numbers in the Item are just example for the part number assignation, the full series code can be assigned as per the number chart accordingly. Blue colour for single mode fiber connector and Beige for multi mode fiber connector.

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