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5503995-2 Product Details

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5503995-2

TE Internal Number: 5503995-2

Active

Fiber Optic Cable Assemblies

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Duplex Fiber, ST & SC Multimode
- Cable Assembly
- ST Fiber Optic Cable Connector Type
- Fiber Type = OM1 62.5/125 Micron
- Cable Assembly Type = ST-Style (2.5mm Bayonet) to ST-Style (2.5mm Bayonet)

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| Documentation & Additional Information | |
|---|---|
| <p>Product Drawings:</p> <ul style="list-style-type: none"> • CABLE ASSY, FIBER OPTIC, 62.5/125um ZIP RISER, OVERM... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available | <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling |

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| Product Features (Please use the Product Drawing for all design activity) | |
|--|---|
| <p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Designation = Duplex Fiber, ST & SC Multimode • Product Type = Cable Assembly • Fiber Optic Cable Connector Type = ST • Cable Assembly Type = ST-Style (2.5mm Bayonet) to ST-Style (2.5mm Bayonet) • Cable Type = Twin Zip • Coupling Nut Material = Zinc <p>Termination Features:</p> <ul style="list-style-type: none"> • Fiber Type (Micron) = OM1 62.5/125 <p>Dimensions:</p> <ul style="list-style-type: none"> • Cable Diameter (mm [in]) = 3.00 [.118] • Length (M [ft]) = 2.00 [6.56] <p>Body Features:</p> <ul style="list-style-type: none"> • Cable Color = Orange • Boot Body Style - Left = Standard • Boot Color - Left = Black • Boot Body Style - Right = Standard • Boot Color - Right = Black • Ferrule Material = Ceramic | <p>Contact Features:</p> <ul style="list-style-type: none"> • Fibre Channel = No <p>Configuration Features:</p> <ul style="list-style-type: none"> • Mode = Multimode • Number of Fibers = 2 • Cable Buffering = Tight Buffered • Connector(s) Exit Angle to Connector(s) Exit Angle = 180° to 180° <p>Industry Standards:</p> <ul style="list-style-type: none"> • Flammability Rating Type = OFNR (Riser) Jacket • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant <p>Product Availability:</p> <ul style="list-style-type: none"> • Region = Asia, North America, Latin America <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity |

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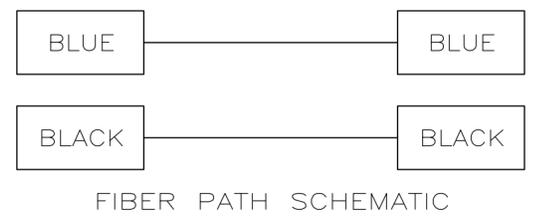
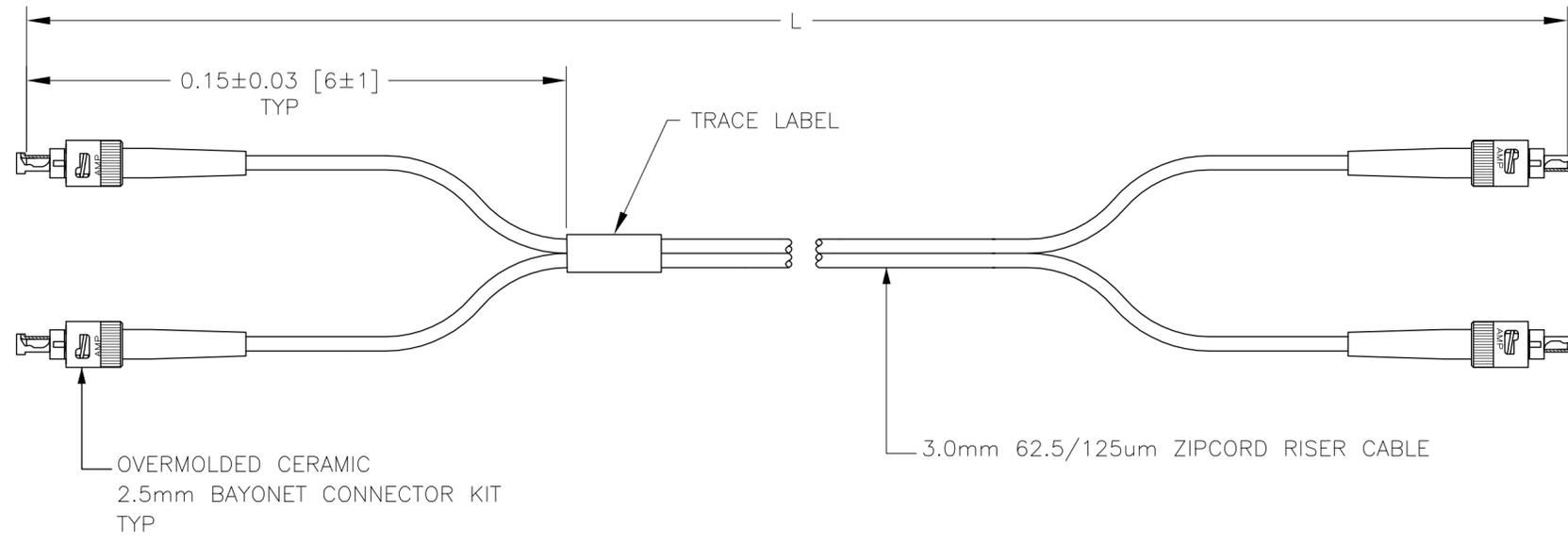
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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| CE | 16 | A2 | | REVISED PER ECO-11-005139 | 25MAR11 | RK | HMR |

- 1. MAXIMUM INSERTION LOSS IS 0.5dB PLUS CABLE ATTENUATION OF 1.5dB/km AT 1300nm. (SEE TABLE)
- 2. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TE CONNECTIVITY STANDARD 230-702



| 0.63 | 91.00±0.91 [3582.6±35.8] | 9-5503995-1 |
|-------------|---------------------------|-------------|
| 0.58 | 50.0±0.50 [1969.0±20.00] | 5-5503995-0 |
| 0.55 | 30.0±0.30 [1181.0±12.00] | 3-5503995-0 |
| 0.80 | 200.0±2.00 [7874.0±79.0] | 2-5503995-2 |
| 0.53 | 20.0±0.30 [787.0±12.00] | 2-5503995-1 |
| 0.51 | 4.00±0.08 [157.5±3.00] | 2-5503995-0 |
| 0.53 | 18.29±0.30 [720.00±12.00] | 1-5503995-9 |
| 0.52 | 14±0.15 [551±6] | 1-5503995-8 |
| 0.52 | 13±0.15 [512±6] | 1-5503995-7 |
| 0.52 | 11±0.15 [433±6] | 1-5503995-6 |
| 0.52 | 15.24±0.30 [600±12] | 1-5503995-5 |
| 0.52 | 12.19±0.15 [480±6] | 1-5503995-4 |
| 0.51 | 7.92±0.15 [312±6] | 1-5503995-3 |
| 0.51 | 6.10±0.08 [240.0±3.0] | 1-5503995-2 |
| 0.50 | 3.66±0.08 [144.0±3.0] | 1-5503995-1 |
| 0.50 | 1.22±0.05 [48.0±2.0] | 1-5503995-0 |
| 0.50 | 0.91±0.05 [36.0±2.0] | 5503995-9 |
| 0.50 | 0.61±0.03 [24.0±1.0] | 5503995-8 |
| 0.51 | 0.30±0.03 [12.0±1.0] | 5503995-7 |
| 0.51 | 7.5±0.08 [295±3] | 5503995-6 |
| 0.51 | 10±0.15 [394±6] | 5503995-5 |
| 0.51 | 5±0.08 [197±3] | 5503995-4 |
| 0.50 | 3±0.05 [118±2] | 5503995-3 |
| 0.50 | 2±0.05 [79±2] | 5503995-2 |
| 0.50 | 1±0.05 [39±2] | 5503995-1 |
| MAX IL (dB) | L METERS [INCHES] | PART NUMBER |

| | | | | |
|--|--|-------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C.S.VASU 14 NOV 05 | TE TE Connectivity | |
| DIMENSIONS: METERS[INCHES] | | CHK J.DUNCAN 14 NOV 05 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD J.DUNCAN 14 NOV 05 | NAME CABLE ASSY, FIBER OPTIC, 62.5/125um ZIP RISER, OVERMOLDED CERAMIC 2.5mm BAYONET, OPTIMATE | |
| 0 PLC ± - | | PRODUCT SPEC | SIZE CAGE CODE DRAWING NO RESTRICTED TO | |
| 1 PLC ± - | | APPLICATION SPEC | A2 00779 C=5503995 - | |
| 2 PLC ± - | | WEIGHT | SCALE NTS SHEET 1 OF 1 REV A2 | |
| 3 PLC ± - | | CUSTOMER DRAWING | | |
| 4 PLC ± - | | | | |
| ANGLES ± - | | | | |
| FINISH | | | | |