


## 5504958-3 Product Details

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### 5504958-3

TE Internal Number: 5504958-3  
 **Active**

#### Fiber Optic Cable Assemblies

 Always EU RoHS/ELV Compliant (Statement of Compliance)

##### Product Highlights:

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

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#### Quick Links

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#### Documentation & Additional Information

##### Product Drawings:

- [CABLE ASSEMBLY, FIBER OPTIC, 62.5/125um, 3.0mm OFNR...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- None Available

##### Product Specifications:

- None Available

##### Application Specifications:

- None Available

##### Instruction Sheets:

- None Available

##### CAD Files:

- None Available

[List all Documents](#)

##### Related Products:

- [Tooling](#)

#### Product Features (Please use the Product Drawing for all design activity)

##### Product Type Features:

- [Product Designation](#) = Duplex Fiber, ST & SC Multimode
- Product Type = Cable Assembly
- [Fiber Optic Cable Connector Type](#) = SC, ST
- Cable Assembly Type = SC Duplex to ST-Style (2.5mm Bayonet)
- Cable Type = Twin Zip
- Coupling Nut Material = Nickel Plated Zinc

##### Termination Features:

- [Fiber Type \(Micron\)](#) = OM1 62.5/125

##### Dimensions:

- Cable Diameter (mm [in]) = 3.00 [.118]
- Length (M [ft]) = 3.00 [9.842]

##### Body Features:

- Cable Color = Orange
- Boot Body Style - Left = Long
- Boot Color - Left = Beige
- Boot Body Style - Right = Standard
- Boot Color - Right = Black & Beige
- Ferrule Material = Ceramic

##### Contact Features:

- Fibre Channel = No

##### Configuration Features:

- [Mode](#) = Multimode
- Number of Fibers = 2
- [Cable Buffering](#) = Tight Buffered
- Connector(s) Exit Angle to Connector(s) Exit Angle = 180° to 180°

##### Industry Standards:

- [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

##### Product Availability:

- Region = Asia, North America, Latin America

##### Other:

- Brand = TE Connectivity

#### Corporate Information

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#### Quick Links

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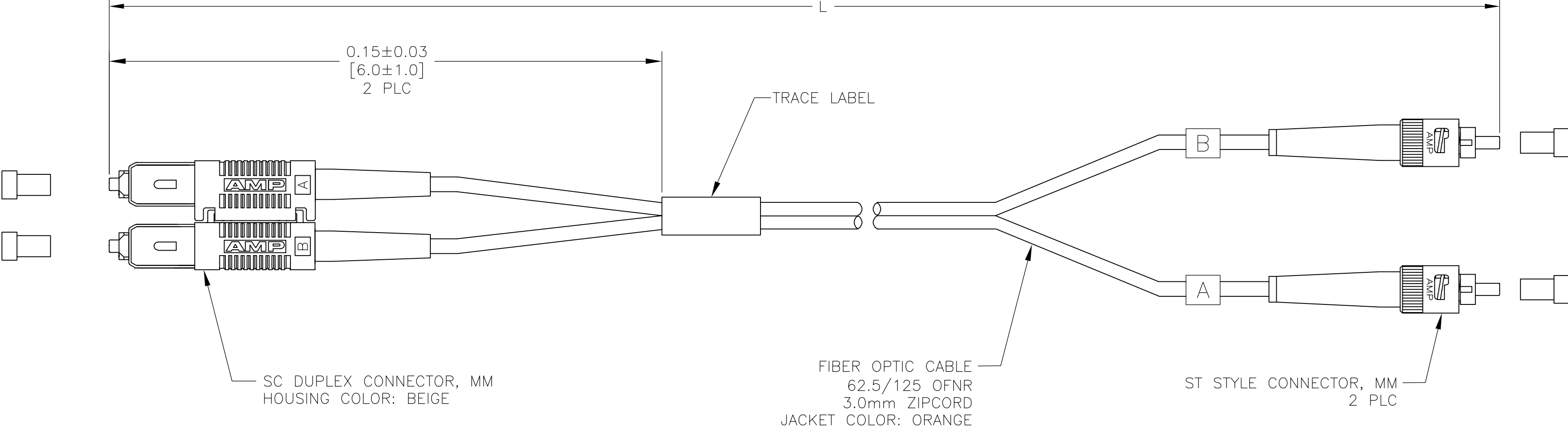
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- 1

MAXIMUM CONNECTOR INSERTION LOSS IS 0.5dB PLUS CABLE ATTENUATION OF 1.5dB/km AT 1300nm (SEE TABLE)
- 2

PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TYCO ELECTRONICS STANDARD 230-702



0.55	30.00±0.30	[1181.1±11.8]	3-5504958-0
0.54	25.00±0.30	[984.2±11.8]	2-5504958-5
0.64	91.44±0.91	[3600.0±36.0]	1-5504958-6
0.51	4.00±0.08	[157.5±3.2]	1-5504958-5
0.50	0.305+0.051/-0.0	[12.0+2.0/-0.0]	1-5504958-4
0.50	2.44±0.05	[96.0±2.0]	1-5504958-3
0.52	13.00±0.15	[511.8±5.9]	1-5504958-2
0.52	11.00±0.15	[433.1±5.9]	1-5504958-1
0.51	8.00±0.15	[315.0±5.9]	1-5504958-0
0.51	7.00±0.08	[275.6±3.2]	5504958-9
0.51	6.00±0.08	[236.2±3.0]	5504958-8
0.53	20.00±0.30	[787.4±11.8]	5504958-7
0.52	15.00±0.15	[590.5±5.9]	5504958-6
0.52	10.00±0.15	[393.7±5.9]	5504958-5
0.51	5.00±0.08	[196.8±3.2]	5504958-4
0.50	3.00±0.05	[118.1±2.0]	5504958-3
0.50	2.00±0.05	[78.7±2.0]	5504958-2
0.50	1.00±0.05	[39.4±2.0]	5504958-1
MAX IL 1 (dB)	L METERS [INCHES]		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
METERS [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± -  
4 PLC ± -  
ANGLES ± ±  
FINISH -

DWN  
J. W. DAVIS  
27OCT05

CHK  
J. DUNCAN  
27OCT05

APVD  
F. McCORKEL  
27OCT05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME  
CABLE ASSEMBLY, FIBER OPTIC, 62.5/125um,  
3.0mm OFNR ZIPCORD,  
SC DUPLEX TO DUAL ST, RoHS

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-5504958

RESTRICTED TO

SCALE  
NTS

SHEET  
1 of 1

REV  
A

AMP 1471-9 REV 31MAR2000