

5504971-3 Product Details

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5504971-3

TE Internal Number: 5504971-3
 **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
- Fiber Type = OM1 62.5/125 Micron
- Cable Assembly Type = SC Duplex to SC Duplex

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Documentation & Additional Information

Product Drawings:

- [CABLE ASSEMBLY, FIBER OPTIC, 3.0 mm 62.5/125um LDD...](#) (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
- Cable Assembly Type = SC Duplex to SC Duplex
- Cable Type = Twin Zip

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 = Long
- Boot Color - Right = 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

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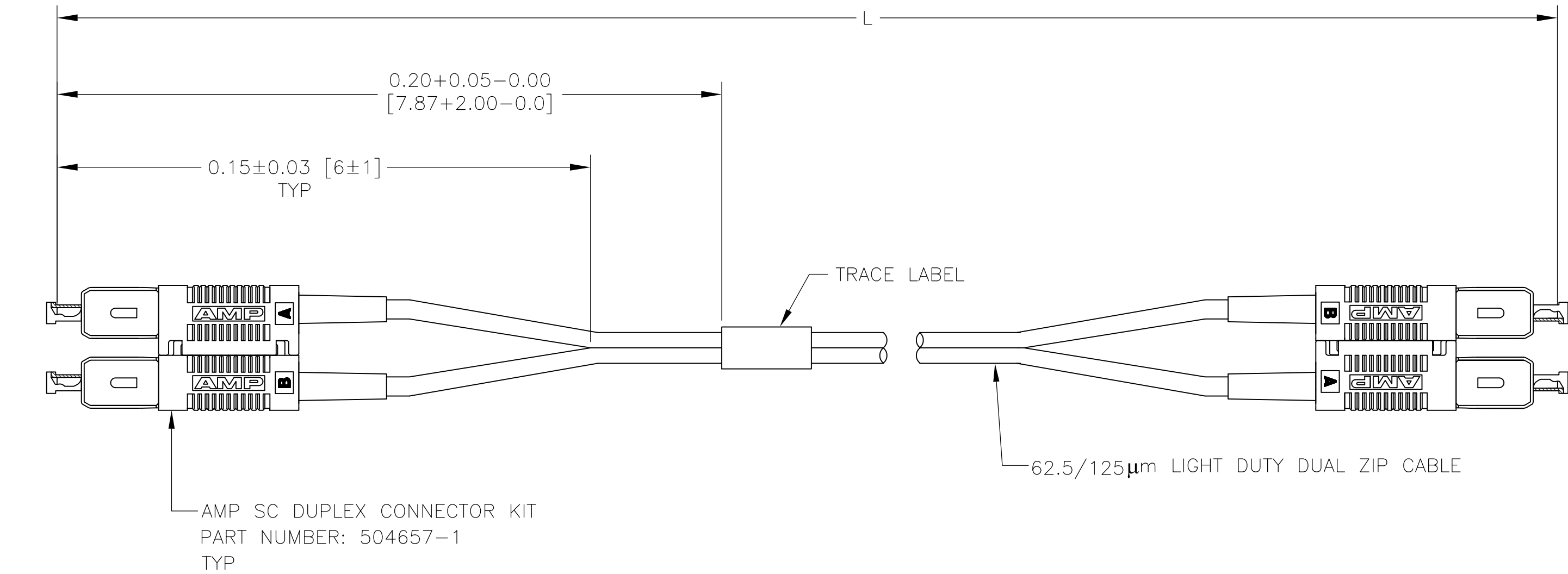
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	16		A1	REVISED PER ECO-11-005139	25MAR11	RK	HMR

D

D



C

C

B

B

- 1

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

PRODUCT AND PROCESSING MUST MEET REQUIREMENTS
OF TE CONNECTIVITY STANDARD 230-702

0.53	25.00±0.30	[984.0±12.0]	3-5504971-5
0.56	40.00±0.40	[1575.0±16.0]	3-5504971-4
0.73	150.00±1.50	[5906.0±59.0]	3-5504971-3
0.57	45.00±0.45	[1772.0±18.0]	3-5504971-2
0.50	2.43±0.05	[96.0±2.0]	3-5504971-1
0.50	1.82±0.05	[72.0±2.0]	3-5504971-0
0.50	1.21±0.05	[48.0±2.0]	2-5504971-9
0.52	10.97±0.15	[431.8±6.0]	2-5504971-8
0.52	10.36±0.15	[407.8±6.0]	2-5504971-7
0.51	9.75±0.15	[383.8±6.0]	2-5504971-6
0.51	9.14±0.15	[359.8±6.0]	2-5504971-5
0.51	8.53±0.15	[335.8±6.0]	2-5504971-4
0.51	7.92±0.15	[311.8±6.0]	2-5504971-3
0.59	60.0±0.60	[2362±24]	2-5504971-2
0.50	0.46±0.05	[18.00±2.00]	2-5504971-1
0.51	6.0±0.08	[236±3]	2-5504971-0
0.51	6.10±0.08	[240±3]	1-5504971-9
0.50	0.61 ±0.03	[24 ±1]	1-5504971-8
0.65	100 ±1.0	[3937 ±39]	1-5504971-7
0.58	50 ±0.5	[1969 ±20]	1-5504971-6
0.52	16 ±0.30	[630 ±12]	1-5504971-5
0.52	13 ±0.15	[512 ±6]	1-5504971-4
0.52	11 ±0.15	[433 ±6]	1-5504971-3
0.51	4 ±0.08	[157 ±3]	1-5504971-2
0.51	8 ±0.15	[315 ±6]	1-5504971-1
0.51	7 ±0.08	[275.6 ±3]	1-5504971-0
0.55	30 ±0.3	[1181 ±12]	5504971-9
0.53	20 ±0.3	[787 ±12]	5504971-8
0.52	15 ±0.15	[591 ±6]	5504971-7
0.61	76 ±0.76	[2992 ±30]	5504971-6
0.52	10 ±0.15	[394 ±6]	5504971-5
0.51	5 ±0.08	[197 ±3]	5504971-4
0.50	3 ±0.05	[118 ±2]	5504971-3
0.50	2 ±0.05	[79 ±2]	5504971-2
0.50	1 ±0.05	[39 ±2]	5504971-1
MAX IL (dB)△ _i		L	PART NUMBER

5504971

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
METERS[INCHES]

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN
C.S.VASU
03 JAN 06

CHK
J.DUNCAN
03 JAN 06

APVD
J.DUNCAN
03 JAN 06

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
CABLE ASSEMBLY, FIBER OPTIC, 3.0 mm
62.5/125um LDD ZIP, AMP SC DUPLEX,
OPTIMATE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=5504971

RESTRICTED TO
-

SCALE
NTS

SHEET
1 OF 1

REV
A1

1471-9 (3/11)