


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

Related Products:

- [Tooling](#)

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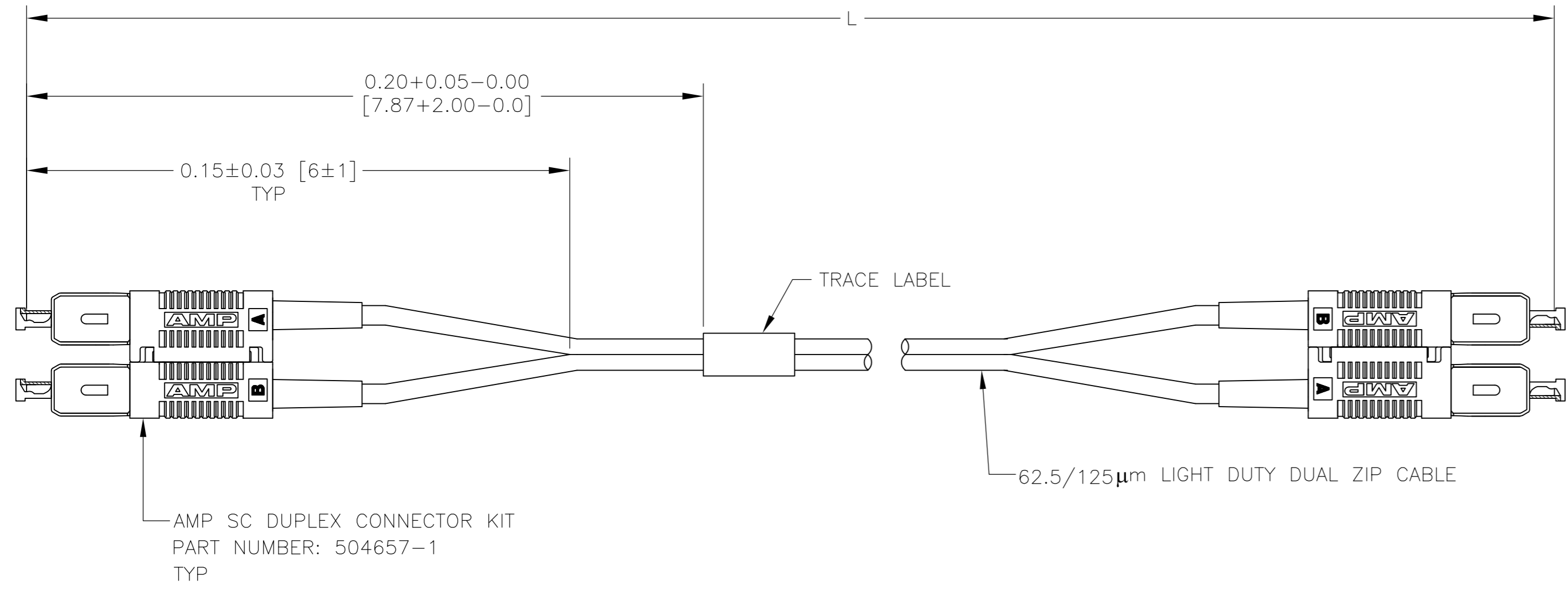
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	16	A1		REVISED PER ECO-11-005139	25MAR11	RK	HMR



MAX IL (dB) ¹	L	PART NUMBER
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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	C.S.VASU	03 JAN 06		TE Connectivity
CHK	J.DUNCAN	03 JAN 06		
APVD	J.DUNCAN	03 JAN 06		
PRODUCT SPEC	J.DUNCAN	03 JAN 06		
MATERIAL	-	-	NAME	CABLE ASSEMBLY, FIBER OPTIC, 3.0 mm 62.5/125um LDD ZIP, AMP SC DUPLEX, OPTIMATE
DIMENSIONS: METERS[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH	SIZE	A2
WEIGHT	-	WEIGHT	CAGE CODE	00779
CUSTOMER DRAWING	SCALE	NTS	DRAWING NO	C=5504971
			RESTRICTED TO	-
			SHEET	1 OF 1
			REV	A1