

Connector/Terminal-to-Tool Reference

					Part Number		
Product Family	Catalog Number ¹	AMP® Product	RG/U Cable ² Wire Size	Termination Type/Style	P/N 354940-1 with SDE Die Set	SDE Die Set Only	
Coaxial Connectors	82074	50 Ohm BNC and TNC	RD 316, 180, 195, Belden 8218	“O”/Commercial	—	58539-1	
			58, 62, 59	“O”/Commercial	58433-1	58435-1	
				Hex/Commercial	58433-2	58436-1	
			Belden 9248, 9114	“O”/Commercial	—	58539-1	
			174, 188, 316, 179, 161, 187	“O”/Commercial	318450-1	318450-2	
		62, 59	“O”/Commercial	—	58435-1		
		50 Ohm BNC	Belden 9907, 89907, Comm/Scope 2104	“O”/Commercial	318452-1	318452-2	
			174, 188, 316, 179, 161, 187	Hex/Commercial	—	58436-3	
			62, 59, Belden 9104, 9112	“O”/Commercial & Military	—	58537-1	
			Belden 8281, 9141	Hex/Commercial	—	58436-2	
			“O”/Commercial & Military	—	58538-1		
			180, 195, Belden 8218, 9248, 9114	“O”/Commercial	—	58539-1	
			58	“O”/Military	—	220189-3	
		75 Ohm BNC and TNC	62, 59	“O”/Commercial	—	58536-1	
			6, Belden 8281	“O”/Commercial	—	58538-1	
		75 Ohm BNC	179, 161, 187	“O”/Commercial	318451-1	318451-2	
				Hex/Commercial	58531-2	58425-2	
			62, 59	Hex/Commercial	58531-1	58425-1	
			Double Braid 59, Belden 8281, 9141	Hex/Commercial	58531-3	58425-3	
			Belden 9248, 9114	“O”/Commercial	—	58536-1	
			Belden 8218	“O”/Commercial	—	58174-1	
		50 and 75 Ohm BNC	6, Belden 8281	“O”/Commercial	—	58538-1	
		50 Ohm N	58, 62, 59	Hex/Commercial	58433-2	58436-1	
			8, 213, 11, 216, 9, 214	Hex/Commercial	58501-1	58485-1	
		Miniature UHF	58	Dual Crimp	58506-3	220196-1	
		50 Ohm SMB	174, 316, 188, 179, 161, 187, RD 316, 188 Double Braid	Hex/Commercial	58500-1	58489-1	
				Hex/Military	58499-1	58483-1	
		50 and 75 Ohm Consumer BNC	178, 196, 174, 316, 188, 179, 161, 187	Hex/Commercial	—	58046-1	
			58, 62, 59	“F” / “O”	58558-1	58558-2	
		Series F CATV Plugs	174, 316, 188, 179, 161, 187	“F” / “O”	58559-1	58559-2	
			58, 6, 7 6.6, 8.2, 9.8 [0.259, 0.324, 0.384] Dia.	Hex/Commercial	58621-1	58621-2	
			59, 6, 7 7.4, 8.7 [0.290, 0.343] Dia.	Hex/Commercial	58622-1	58622-2	
			59, 6 9.1 [0.360] Dia.	Hex/Commercial	58663-1	58663-2	
		Braid-Pic Braid Termination	58, 62, 59	—	—	220195-1	
Terminals And Splices	82042	Insulated Terminals and Splices (PIDG and PLASTI-GRIP)	22-16 AWG [0.3-1.3 mm ²]	—	58433-3 ³	58423-1 ³	
			16-14 AWG [1.3-2.0 mm ²]				
			12-10 AWG [3.0-5.0 mm ²]				
	65505	Uninsulated Terminals and Splices (SOLISTRAND)	22-10 AWG [0.3-5.0 mm ²]	—	58546-1	58545-1	
	65472	Closed End Splices	ECV-ECN 18-16 AWG [0.8-1.3 mm ²]	—	217212-1	217212-2	
			ECN 18-10 AWG [0.8-5.0 mm ²]				
			ECV-ECN 18-10 AWG [0.8-5.0 mm ²]				
Spare Wire Caps	0.048-0.225 [1.22-5.72] Ins. Dia.	—	58573-1	—			
Receptacles and Tabs	82004	FASTON 250 Series Recpt.	18-14 AWG [0.8-2.0 mm ²]	—	58524-1	58524-2	
			14-10 AWG [2.0-5.0 mm ²]	—	58525-1	58525-2	
		Ultra-Fast FASTON (Straight)	0.110/0.125 in. Recpt.	26-14 AWG [0.13-2.0 mm ²]	—	58628-1	58628-2
			0.187/0.250 in. Recpt., 0.250 in. Tabs				
			0.250 in. Recpt.				

¹ Request catalog for detailed product information.

² Coaxial cable of similar size can be crimped. Request Catalog 82074 for a complete listing of possible cable sizes.

³ Not for use with PIDG FASTON receptacles; crimp not approved by UL or CSA.

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Need More Information?

For information about tooling, call 1-800-522-6752 or e-mail toolsales@tycoelectronics.com.

For drawings or technical data, contact your Tyco Electronics sales engineer or call the Technical Support Center: 1-800-522-6752. Dimensions are in millimeters unless specified otherwise. Values in brackets are English equivalents unless specified otherwise. Specifications subject to change. Consult Tyco Electronics for latest specifications.

Connector/Terminal-to-Tool Reference (continued)

Product Family	Catalog Number ¹	AMP® Product	Cable or Wire Size	Part Number	
				P/N 354940-1 with SDE Die Set	SDE Die Set Only
Fiber Optic Connectors	82164 and 296355	FSMA and ST-Style (S.S.) Connectors (504XXX Series only)	3.0 mm Jacket Dia.	58551-1 [†]	58552-1
		ST-Style, FC Type, D4 and AMP® SC Connectors	3.0 mm Jacket Dia [†]	58433-4 [†]	58424-1
		ST-Style (Ceramic) Connectors	3.8 mm Jacket Dia.	— [†]	503890-1
		FC Type and AMP® SC Connectors (Next Generation)	3.0 mm Jacket Dia.	503911-1 [†]	503910-1
		FSD, FSD MC and RSD Connectors; FSD Breakout Kit	DUALAN and LDD	58519-1 [†]	58510-1
		LightCrimp XTC Connectors Ceramic/Polymer/S.S.)	3.0 mm Jacket Dia.	503568-1 [†]	503567-1
		LightCrimp SC (Ceramic) Connectors	3.0 mm Jacket Dia.	503699-1 [†]	503698-1
	1307099	LightCrimp Plus ST-Style	3.0 mm Jacket Dia.	492623-1 [†]	492622-1
		AMP® SC	3.0 mm Jacket Dia.	492782-1 [†]	492783-1
	—	Multimate Contacts	1 mm Plastic Fiber, 2.2 mm Jacket Dia.	217211-1	217211-2
Pin and Socket Connectors	82068	D-Subminiature 20 DF Pin and Socket Contacts (AMPLIMITE)	28-24 AWG [0.08-0.2 mm ²]	58448-2	58448-3
			24-20 AWG [0.2-0.6 mm ²]		
		D-Subminiature 22 DF Pin and Socket Contacts (AMPLIMITE)	28-22 AWG [0.08-0.3 mm ²]	90800-1	90800-2
			24-14 AWG [0.2-2.0 mm ²]		
		Type II Pin and Socket Contacts	28-24 AWG [0.08-0.2 mm ²]	58495-1	58495-2
			24-20 AWG [0.2-0.6 mm ²]		
			18-16 AWG [0.8-1.4 mm ²]		
	82181	0.093 Soft Shell Commercial Pin and Socket Contacts	24-18 AWG [0.2-0.9 mm ²]	90872-1	90872-2
			20-14 AWG [0.6-2.0 mm ²]	90871-1	90871-2
		0.062 Soft Shell Commercial Pin and Socket Contacts	30-24 AWG [0.05-0.2 mm ²]	90870-1	90870-2
			24-18 AWG [0.2-0.9 mm ²]	90869-1	90869-2
		MR Pin and Socket Contacts	26-18 AWG [0.13-0.9 mm ²]	58514-1	58514-2
			24-18 AWG [0.2-0.9 mm ²]	90548-1	90548-2
		Universal MATE-N-LOK II and Universal MATE-N-LOK Pin and Socket Contacts	20-14 AWG [0.6-2.0 mm ²] 1.52-3.30 [0.060-0.130] Ins. Dia.	90546-1	90546-2
			20-14 AWG [0.6-2.0 mm ²] 3.30-5.08 [0.130-0.200] Ins. Dia.	90547-1	90547-2
			12-10 AWG [3-5 mm ²]	58530-1	58530-2
		Mini-Universal MATE-N-LOK Pin and Socket Contacts	26-22 AWG [0.13-0.3 mm ²]	90758-1	90758-2
			22-18 AWG [0.3-0.9 mm ²] or Two 22 AWG	90759-1	90759-2
			20-16 AWG [0.6-1.4 mm ²] or Two 20 AWG	90760-1	90760-2
		Commercial MATE-N-LOK Pin and Socket Contacts	24-18 AWG [0.2-0.9 mm ²]	90574-1	90574-2
			20-14 AWG [0.6-2.0 mm ²]	90575-1	90575-2
	—	Dynamic Series D-3 Contacts	24-20 AWG [0.2-0.56 mm ²]	90683-1	90683-2
			20-16 AWG [0.5-1.42 mm ²]	90684-1	90684-2
		CST-100 Contacts	26-22 AWG [0.13-0.3 mm ²]	58517-1	58517-2
			20-16 AWG [0.5-1.25 mm ²]	58529-1	58529-2
		AMPSEAL Automotive Receptacles	0.5-1.5 mm ²	58583-1	58583-2
		AMP SUPERSEAL 1.5 SERIES Contacts	0.5-1.5 mm ²	58583-1	58583-2
Receptacle and Tab Connectors	65481	AMPSEAL Automotive Receptacles	20-16 AWG [0.5-1.25 mm ²]	58529-1	58529-2
		AMP SUPERSEAL 1.5 SERIES Contacts	0.5-1.5 mm ²	58583-1	58583-2
	124962	EI Series Receptacle Contacts	26-20 AWG [0.13-0.6 mm ²]	58548-1	—
		Universal Power Contacts	26-16 AWG [0.13-1.4 mm ²]	58564-1	—
Modular Plugs	82066	Modular Plugs (10 Pos.)	28-24 AWG [0.08-0.2 mm ²] [†]	58560-1	58560-2
		Modular Plug Strain Relief	5.08 [0.200] Max. Ins. Dia.	—	852681-1
PC Card Connectors	65701	INFOPORT Series III Shield Kit	3.43-3.81 [0.135-0.150] Ins. Dia.	224933-1	224933-2
Universal Data Connector Kits	82164	AMP® Crimp Ring	Type 1, 2, 6, 9 and MONTROSE	—	58450-1

Request catalog for detailed product information.

[†] Terminates cable with 24 AWG [0.2 mm²] conductors with 0.039 [0.99] Max. O.D.

[†] Tool Frame Part No. 58532-1.

[†] Tool Frame Part No. 58588-1.

[†] Tool Frame Part No. 58532-2.

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