

Connector/Terminal-to-Tool Reference

Product Family	Catalog Number ¹	AMP® Product	RG/U Cable ² Wire Size	Termination Type/Style	Part Number		
					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	
			Belden 9248, 9114	Hex/Commercial	58433-2	58436-1	
			174, 188, 316, 179, 161, 187	"O"/Commercial	—	58539-1	
			62, 59	"O"/Commercial	318450-1	318450-2	
		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	
			180, 195, Belden 8218, 9248, 9114	"O"/Commercial & Military	—	58538-1	
			58	"O"/Commercial	—	58539-1	
		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	
			62, 59	Hex/Commercial	58531-2	58425-2	
			Double Braid 59, Belden 8281, 9141	Hex/Commercial	58531-1	58425-1	
			Belden 9248, 9114	Hex/Commercial	58531-3	58425-3	
			Belden 8218	"O"/Commercial	—	58536-1	
		50 and 75 Ohm BNC	6, Belden 8281	"O"/Commercial	—	58174-1	
		50 Ohm N	58, 62, 59	Hex/Commercial	—	58538-1	
		Miniature UHF	8, 213, 11, 216, 9, 214	Hex/Commercial	58501-1	58485-1	
		50 Ohm SMB	58	Dual Crimp	58506-3	220196-1	
			174, 316, 188, 179, 161, 187, RD 316, 188 Double Braid	Hex/Commercial	58500-1	58489-1	
			178, 196, 174, 316, 188, 179, 161, 187	Hex/Military	58499-1	58483-1	
		50 and 75 Ohm Consumer BNC	58, 62, 59	Hex/Commercial	—	58046-1	
			174, 316, 188, 179, 161, 187	"F" / "O"	58558-1	58558-2	
		Series F CATV Plugs	58, 6, 7 6.6, 8.2, 9.8 [0.259, 0.324, 0.384] Dia.	"F" / "O"	58559-1	58559-2	
			59, 6, 7 7.4, 8.7 [0.290, 0.343] Dia.	Hex/Commercial	58621-1	58621-2	
59, 6 9.1 [0.360] Dia.	Hex/Commercial		58622-1	58622-2			
Braid-Pic Braid Termination	58, 62, 59	Hex/Commercial	58663-1	58663-2			
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]							
	Spare Wire Caps	ECV-ECN 18-10 AWG [0.8-5.0 mm ²]	—	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. 0.187/0.250 in. Recpt., 0.250 in. Tabs	26-14 AWG [0.13-2.0 mm ²]	—	58628-1	58628-2
			0.250 in. Recpt.	12-10 AWG [3.0-5.0 mm ²]	—	58630-1	58630-2

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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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.