

Connector/Terminal-to-Die Reference

Product Family	Catalog Number ¹	AMP® Product	RG/U Cable ² or Wire Size	Termination Type/Style	Die Set	
Coaxial Connectors	82074	50 Ohm BNC and TNC	RD 316, 180, 195, Belden 8218	"O"/Commercial	58539-1	
			58, 62, 59	"O"/Commercial	58435-1	
			Belden 9248, 9114	Hex/Commercial	58436-1	
			174, 188, 316, 179, 161, 187	"O"/Commercial	58539-1	
			62, 59	"O"/Commercial	318450-2	
				"O"/Commercial	58435-1	
		50 Ohm BNC	Belden 9907, 89907, Comm/Scope 2104	"O"/Commercial	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	
		75 Ohm BNC and TNC	58	"O"/Military	220189-3	
			62, 59	"O"/Commercial	58536-1	
		75 Ohm BNC	6, Belden 8281	"O"/Commercial	58538-1	
			179, 161, 187	"O"/Commercial	318451-2	
			62, 59	Hex/Commercial	58425-2	
			Double Braid 59, Belden 8281, 9141	Hex/Commercial	58425-1	
			Belden 9248, 9114	"O"/Commercial	58425-3	
			Belden 8218	"O"/Commercial	58536-1	
				"O"/Commercial	58174-1	
			50 and 75 Ohm BNC	6, Belden 8281	"O"/Commercial	58538-1
			50 Ohm N	58, 62, 59	"O"/Commercial	58436-1
				8, 213, 11, 216, 9, 214	Hex/Commercial	58485-1
		Miniature UHF	58	Dual Crimp	220196-1	
		50 Ohm SMB	174, 316, 188, 179, 161, 187,	Hex/Commercial	58489-1	
			RD 316, 188 Double Braid	Hex/Military	58483-1	
178, 196, 174, 316, 188, 179, 161, 187	Hex/Commercial		58046-1			
	Hex/Commercial		58046-1			
50 and 75 Ohm Consumer BNC	58, 62, 59	"F" / "O"	58558-2			
	174, 316, 188, 179, 161, 187	"F" / "O"	58559-2			
Series F CATV Plugs	58, 6, 7	Hex/Commercial	58621-2			
	.259, .324, .384 [6.6, 8.2, 9.8] Dia.					
	59, 6, 7	Hex/Commercial	58622-2			
	.290, .343 [7.4, 8.7] Dia.					
Braid-Pic Braid Termination	59, 6	Hex/Commercial	58663-2			
	.360 [9.1] Dia.					
Terminals and Splices	82042	Insulated Terminals and Splices (PIDG and PLASTI-GRIP)	22-16 AWG [0.3-1.3 mm ²]	—	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]	—	58545-1	
	65472	Closed End Splices	ECV-ECN 18-16 AWG [0.8-1.3 mm ²]	—	217212-2	
ECN 18-10 AWG [0.8-5.0 mm ²] ECV-ECN 18-10 AWG [0.8-5.0 mm ²]			—			
Receptacles and Tabs	82004	FASTON 250 Series Recpt. Ultra-Fast FASTON (Straight)	.110/.125 Recpt.	—	58524-2	
			.187/.250 Recpt., .250 Tabs	—	58525-2	
			26-14 AWG [0.13-2.0 mm ²]	—	58628-2	
			.250 Recpt.	—	58630-2	
		18-14 AWG [0.8-2.0 mm ²]	—	58524-2		
		14-10 AWG [2.0-5.0 mm ²]	—	58525-2		

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.

Connector/Terminal-to-Die Reference (Continued)

Product Family	Catalog Number ¹	AMP® Product	Cable or Wire Size	Die Set				
Fiber Optic Connectors	82164 and 296355	FSMA and ST-Style (S.S.) Connectors (504XXX Series only)	3.0 mm Jacket Dia.	58552-1				
		ST-Style, FC Type, D4 and AMP® SC Connectors	3.0 mm Jacket Dia.	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.	503910-1				
		FSD, FSD MC and RSD Connectors; FSD Breakout Kit	DUALAN and LDD	58510-1				
		LightCrimp XTC Connectors (Ceramic/Polymer/S.S.)	3.0 mm Jacket Dia.	503567-1				
	1307099	LightCrimp Plus	ST-Style	3.0 mm Jacket Dia.	492622-1			
			AMP® SC	3.0 mm Jacket Dia.	492783-1			
	—	—	Multimate Contacts	1 mm Plastic Fiber, 2.2 mm Jacket Dia.	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] 24-20 AWG [0.2-0.6 mm ²]	58448-3			
D-Subminiature 22 DF Pin and Socket Contacts (AMPLIMITE)			28-22 AWG [0.08-0.3 mm ²]	90800-2				
Type II Pin and Socket Contacts			24-14 AWG [0.2-2.0 mm ²]	58541-2				
Type III+ and Type VI Pin and Socket Contacts			28-24 AWG [0.08-0.2 mm ²] 24-20 AWG [0.2-0.6 mm ²] 18-16 AWG [0.8-1.4 mm ²]	58495-2				
.093 Soft Shell Commercial Pin and Socket Contacts			24-18 AWG [0.2-0.9 mm ²] 20-14 AWG [0.6-2.0 mm ²]	90872-2 90871-2				
.062 Soft Shell Commercial Pin and Socket Contacts			30-24 AWG [0.05-0.2 mm ²] 24-18 AWG [0.2-0.9 mm ²]	90870-2 90869-2				
82181		—	MR Pin and Socket Contacts	26-18 AWG [0.13-0.9 mm ²] 24-18 AWG [0.2-0.9 mm ²]	58514-2 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] .060-.130 [1.52-3.30] Ins. Dia.	90546-2			
		—	—	Mini-Universal MATE-N-LOK Pin and Socket Contacts	20-14 AWG [0.6-2.0 mm ²] .130-.200 [3.30-5.08] Ins. Dia.	90547-2		
					12-10 AWG [3-5 mm ²] 26-22 AWG [0.13-0.3 mm ²]	58530-2 90758-2		
				Commercial MATE-N-LOK Pin and Socket Contacts	22-18 AWG [0.3-0.9 mm ²] or Two 22 AWG 20-16 AWG [0.6-1.4 mm ²] or Two 20 AWG	90759-2 90760-2		
					24-18 AWG [0.2-0.9 mm ²] 20-14 AWG [0.6-2.0 mm ²]	90574-2 90575-2		
				—	—	Dynamic Series D-3 Contacts	24-20 AWG [0.2-0.56 mm ²] 20-16 AWG [0.5-1.42 mm ²]	90683-2 90684-2
							CST-100 Contacts	26-22 AWG [0.13-0.3 mm ²]
		Receptacle and Tab Connectors	65481	AMPSEAL Automotive Receptacles	20-16 AWG [0.5-1.25 mm ²]	58529-2		
				AMP SUPERSEAL 1.5 SERIES Contacts	0.5-1.5 mm ²	58583-2		
Modular Plugs	82066	Modular Plugs (10 Pos.)	28-24 AWG [0.08-0.2 mm ²] [†]	58560-2				
		Modular Plug Strain Relief	.200 [5.08] Max. Ins. Dia.	852681-1				
PC Card Connectors	65701	INFOPORT Series III Shield Kit	.135-.150 [3.43-3.81] Ins. Dia.	224933-2				
Universal Data Connector Kits	82164	AMP® Crimp Ring	Type 1, 2, 6, 9 and MONTROSE	58450-1				

¹ Request catalog for detailed product information.

[†] Terminates cable with 24 AWG [0.2 mm²] conductors with .039 [0.99] Max. O.D.