

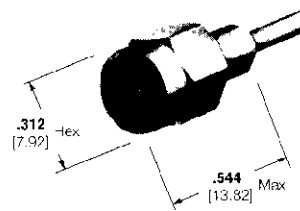
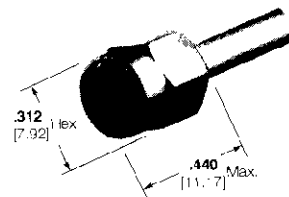
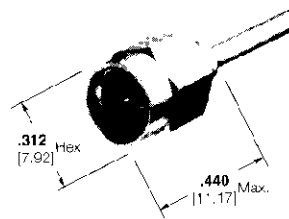
SMA Connectors for Semi-Rigid Cable (Continued)

Plugs, Compression Crimp

(Continued)

Materials and Finishes

(See page 106)

Plug with
Center ContactShort Plug with
Center ContactPlug with
Retractable Collar

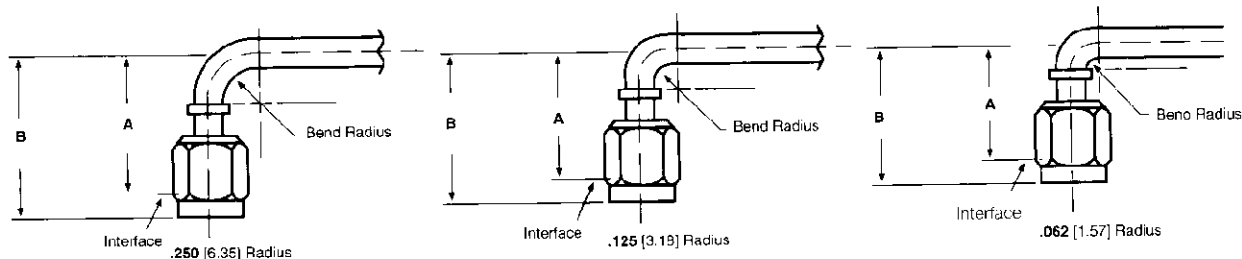
Connector Cable Range Selection Code [†]	RG/U Cable	Connector Configuration	Frequency Max.	Body Finish	Part No.	Connector Part Numbers*				Tooling Part Numbers			
						Category B		Category F		Hand Tool Kit No. 59981-1		Pneumatic Tool No. 58318-1	
						M39012/ Military No.	AMP Part No.	M39012/ Military No.	AMP Part No.	Die Set (M22520/)	Locator (M22520/)	Die Set [‡]	Locator
P	4C5 Semi-Rigid/ .086 (2.18)	Plug with Center Contact	18 GHz	Passivated Gold Plated	— 228639-2	7983103 —	227868-1 —	79-3507 —	228639-1 —	312253-2 (36-02)	220221-2 (36-04)	313719-1	308075-2
		Plug with Center Contact & Safety Wire Holes	18 GHz	Passivated	—	7933003	227868-3	79-3207	228639-3	312253-2 (36-02)	220221-2 (36-04)	313719-1	308075-2
				Gold Plated	228639-4	—	—	—	—	—	—	—	—
		Short Plug with Center Contact	18 GHz	Passivated	221447-1 ¹	—	—	—	—	313713-1 ¹	220221-3 ¹	313719-1	313123-1 ¹
				Gold Plated	221447-2 ¹	—	—	—	—	—	—	—	—
		Short Plug with Center Contact & Safety Wire Holes	26.5 GHz Environmentally Sealed	Passivated	221812-1	—	—	—	—	313113-1 ¹	220221-3	313719-1	313123-1 ¹
				Gold Plated	221447-3 221447-4	—	—	—	—	313113-1 ¹	223221-3 ¹	313719-1	313123-1 ¹
		Short Plug with Center Contact & Retractable Collar	18 GHz	Passivated	221447-5	—	—	—	—	313113-1 ¹	220221-3 ¹	313719-1	313123-1 ¹
				Gold Plated	221447-4	—	—	—	—	313113-1 ¹	223221-3 ¹	313719-1	313123-1 ¹
		Short Plug with Center Contact & Retractable Collar	18 GHz	Passivated	221447-5	—	—	—	—	313113-1 ¹	220221-3 ¹	313719-1	313123-1 ¹

[†]Refer to pages 14 and 15 for code specifications.¹Meets or exceeds Air Force Drawing.²Not included in Hand Tool Kit No. 59981-1; must be purchased separately.³Die Set No. 312253-2 also may be used; consult AMP Incorporated for straight cable length requirements.⁴Not included with Pneumatic Tool No. 58318-1; must be purchased separately.

* Consult latest issue of MIL-C-39012 and QPL for current military dash numbers.

Right-Angle Bend Specifications

(See page 156 for tooling)



Semi-Rigid Cable	SMA Plugs		Dimensions					
	Configuration	Part No.	.250 [3.18] Radius		.125 [3.18] Radius		.062 [1.57] Radius	
			A	B	A	B	A	B
RG-402/U (.141 [3.58] O.D.)	Plugs without Center Contact	227531-1 228635-1 thru -4	.578 4.68	.713 18.11	.453 11.51	.588 14.94	—	—
	Plugs with Center Contact	227743-1 228634-1 thru -4	.755 19.18	.890 22.61	.630 16.00	.765 19.43	—	—
RG-405/L (.086 [2.18] O.D.)	Plugs with Center Contact	227868-1 & -3 228639-1 thru -4	—	—	.603 15.32	.738 18.75	.540 13.72	.675 17.15
	Short Plugs with Center Contact	221447-1 thru -4	—	—	.500 12.70	.625 15.00	.437 11.10	.562 14.27

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752.
 Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
 Specifications subject to change. Consult AMP Incorporated for latest specifications.

 SMA Connectors for
Semi-Rigid and Flexible Cable