

SMA Connectors for Semi-Rigid Cable

Plugs, Compression Crimp

Materials

Center Contacts — Beryllium copper per ASTM-B-196, gold plated

Shells — Stainless steel per ASTM-A-582, passivated or gold plated

Coupling Nuts — Stainless steel per ASTM-A-582, passivated

Dielectrics — TFFLON per ASTM-D-710

Grip Rings — Brass per ASTM-B-36

Gaskets — Silicone rubber per ZZ-R-765

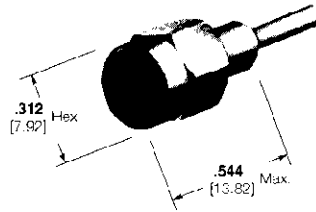
Finishes

Passivate per QQ-P-35

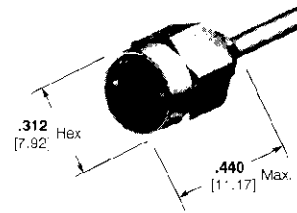
Gold per MIL-G-45204

Nickel per QQ-N-290

Plug with Center Contact



Plug with Retractable Collar



Plug with Safety Wire Holes



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	Die Set [‡]	Locator
0	402 Semi-Rigid/ .141 [3.58]	Plug with Center Contact	18 GHz	Passivated	—	79B3104	227743-1	79-3308	228634-1	312253-1 (36-03)	220221-2 (36-04)	313720-1	308075-2
			26.5 GHz Environmentally Sealed	Passivated	221328-1	—	—	—	—	312253-1 (36-03)	220221-2 (36-04)	313720-1	308075-2
		Plug with Center Contact & Safety Wire Holes	18 GHz	Passivated	—	79B3004	227743-3	79-3208	228634-3	312253-1 (36-03)	220221-2 (36-04)	313720-1	308075-2
			26.5 GHz Environmentally Sealed	Passivated	221328-2	—	—	—	—	312253-1 (36-03)	220221-2 (36-04)	313720-1	308075-2
		Plug without Center Contact	18 GHz	Passivated	—	92B3101	227531-1	92-3301	228635-1	312253-1 (36-03)	220220-2 (36-06)	313720-1	220241-1
			26.5 GHz Environmentally Sealed	Passivated	221329-1	—	—	—	—	312253-1 (36-03)	313585-1 [‡]	313720-1	***
		Plug without Center Contact with Safety Wire Holes	18 GHz	Passivated	—	92B3001	227531-3	92-3201	228635-3	312253-1 (36-03)	220220-2 (36-06)	313720-1	220241-1
			26.5 GHz Environmentally Sealed	Passivated	221329-2	—	—	—	—	312253-1 (36-03)	313585-1 [‡]	313720-1	***
		Plug without Center Contact with Retractable Collar	18 GHz	Passivated	—	—	—	—	—	312962-1 [‡]	220220-2 (36-06)	313721-1	220241-1
			26.5 GHz Environmentally Sealed	Passivated	221329-3	—	—	—	—	312962-1 [‡]	313585-1 [‡]	313721-1	***
		Plug without Center Contact with Retractable Collar & Safety Wire Holes	18 GHz	Passivated	—	—	—	—	—	312962-1 [‡]	220220-2 (36-06)	313721-1	220241-1
			26.5 GHz Environmentally Sealed	Passivated	221329-4	—	—	—	—	312962-1 [‡]	313585-1 [‡]	313721-1	***

[†]Refer to pages 14 and 15 for code specifications.

[‡]Not included in Hand Tool Kit No. 59981-1; must be purchased separately.

^{‡‡‡}Not 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.

^{‡‡‡}For tooling information call AMP Customer Service Hotline 1-800-722-1111

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