

Storm Products Application Guide

Cable and Contacts for Multi-Channel Coax Assemblies

High Frequency MIL-C-39029 Style ³ Coax Contacts for use in 38999 Series III and ARINC connectors											
Contact Size		Type	Enhanced Phase Master 190E	Phase Master 190	Phase Master 110	True Blue 205	True Blue 125	Storm Flex 141 [†]	Storm Flex 086 [†]	Storm Flex 047 [†]	RG-316
		Cable O.D.	0.199	0.190	0.110	0.205	0.125	0.160	0.096	0.055	0.100
Cable Part #		421-1108	421-1007	421-1006	421-010	421-011	422-0038	421-710	422-0017	421-716	
8	Pin	X	X		X		X	X			
	Socket	X	X	X	X	X	Coming Soon	X			
12	Pin			X		X		X ¹			
	Socket			X		X		X ¹			
16	Pin							X ²		X ¹	
	Socket							X ²		X ¹	
20	Pin									X ²	
	Socket									X ²	
High Frequency Coax Contacts for use in D-sub connectors											
20HD ⁴	Pin									X ²	
	Socket									X ²	
Low Frequency Coax Contacts for use in 38999 Series III and ARINC connectors											
8	Pin										X ⁵
	Socket										X ⁵
12	Pin										X ⁵
	Socket										X ⁵

* Semi-rigid Maximizer Gold & Maximizer Silver cable can be used with these contacts

Contacts will intermate within size except as noted.

1 - Only mates with contact with noted¹

2 - Only mates with contact with noted²

3- Contacts do not conform to all MIL-C-39029 dimensions but fit into contact cavities designed to fit MIL-C-39029 contacts

4 - High Density, Not identical to size 20 contact for 38999 connectors

5 - Only mates with contact with noted⁵

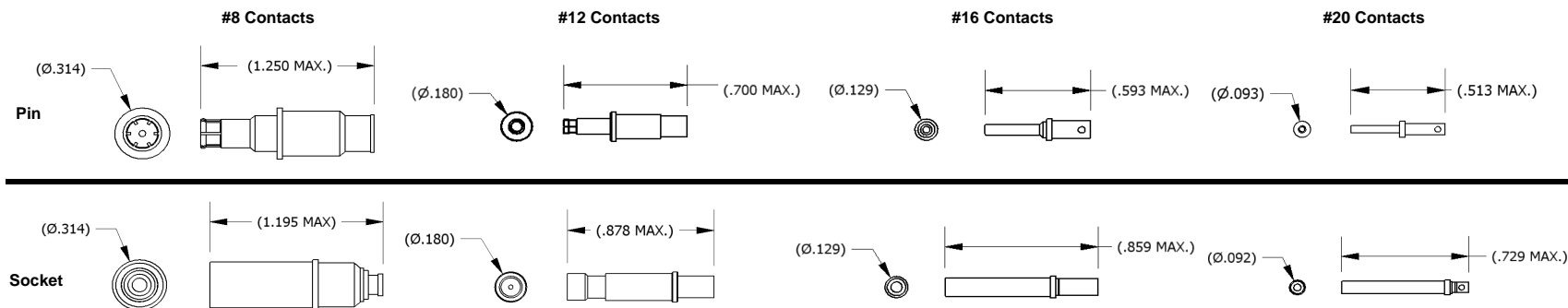
6 - SF 086 cable will typically fit RG-316 contacts, RG-316 cable will typically fit SF 086 contacts as long as usage is low frequency.

Maximum Operating Frequency (Typical): Size 8 - 23 GHz, Size 12 - 26.5 GHz, Size 16 - 26.5 GHz, Size 20 - 26.5 GHz. Consult factory for higher frequency applications

Preferred usage is socket contact in wall mount receptacle, pin contact in plug

Typical Sizes

(consult factory for dimensions for specific applications)



Note: Figures are actual size.

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