



D38999 RF Assemblies

Solutions from DC to 65GHz

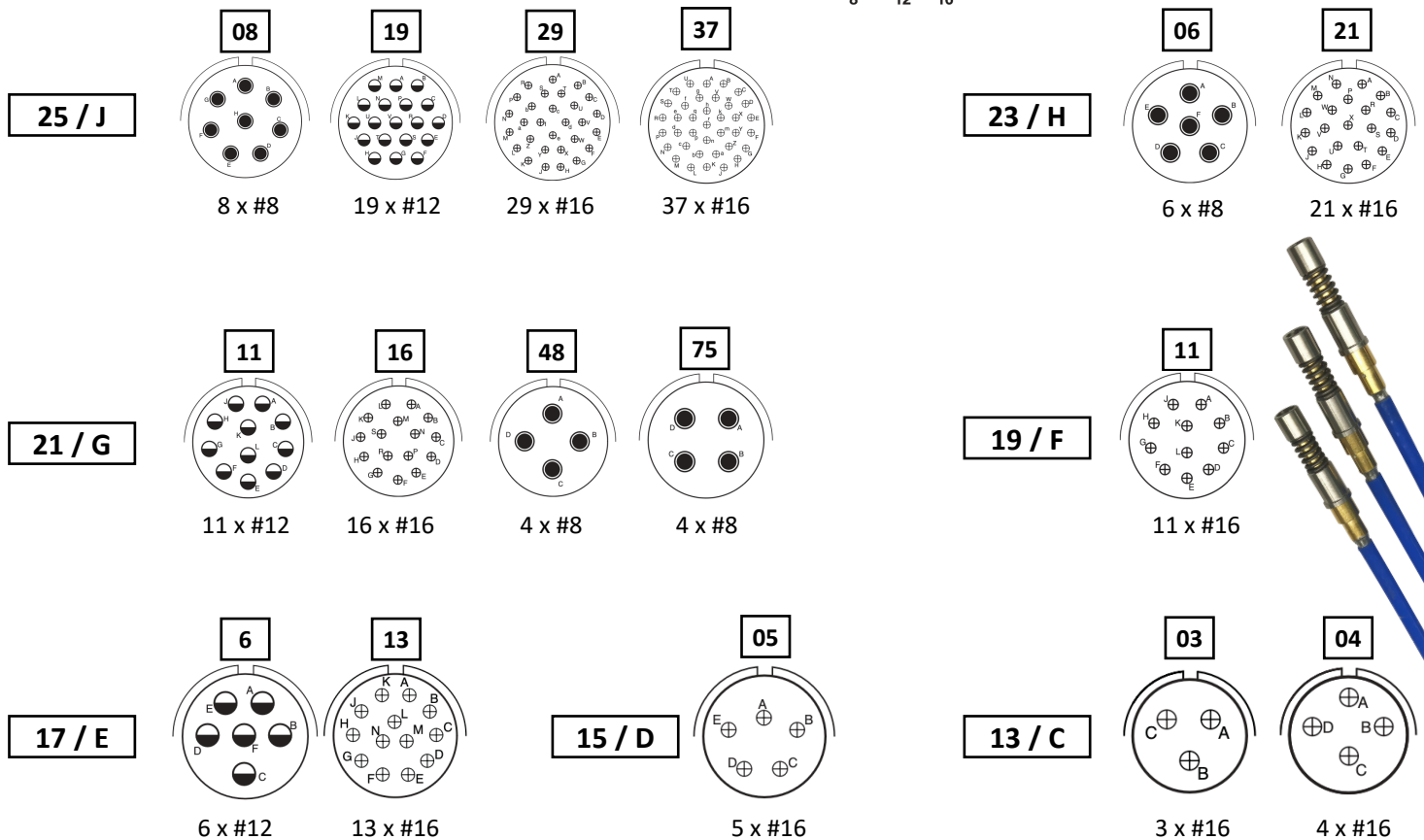
BMA, SMPM, SMPS, #16, #12 & #8 Contacts

- ✦ Standard D38999 Solutions
- ✦ Standard M85049 Backshells
- ✦ RF Contacts for #8, #12 & #16
- ✦ BMA, SMPM SMPS & Mil Solutions
- ✦ Supports RF from DC to 65GHz
- ✦ Low Loss Cable Options
- ✦ Phase Matching Available
- ✦ Supports Custom Marking
- ✦ Serialization Available



A robust and powerful solution for Multi-Port RF interconnect from DC to 65GHz.
 An industry standard Circular D38999 solution with up to 37 RF Ports operating.
 Also support Mixed Signal Requirements.

Common Full Coax Layouts





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D38999 Plug-In RF Cable Assemblies

Size	ConductRF Part No.	End 1.	End 2.	Flex Cable	Op. Freq.
#8	D8A79-S1LF-XXX	BMA Female(Socket)	SMA Male	Low Loss	DC - 18GHz
#8	D8A79-S1L1-XXX	BMA Male(Pin)	SMA Male	Low Loss	DC - 18GHz
#8	D8A29-S1LF-XXX	BMA Female(Socket)	SMA Male	ø0.141"	DC - 18GHz
#8	D8A29-S1L1-XXX	BMA Male(Pin)	SMA Male	ø0.141"	DC - 18GHz
#8	D8A29-LFLF-XXX	BMA Female(Socket)	BMA Female(Socket)	ø0.141"	DC - 18GHz
#8	D8A29-L1LF-XXX	BMA Male(Pin)	BMA Female(Socket)	ø0.141"	DC - 18GHz
#8	D8A29-L1L1-XXX	BMA Male(Pin)	BMA Male(Pin)	ø0.141"	DC - 18GHz
#8	D8A28-S1LF-XXX	BMA Female(Socket)	SMA Male	ø0.086"	DC - 18GHz
#8	D8A28-S1L1-XXX	BMA Male(Pin)	SMA Male	ø0.086"	DC - 18GHz
#8	D8A28-LFLF-XXX	BMA Female(Socket)	BMA Female(Socket)	ø0.086"	DC - 18GHz
#8	D8A28-L1LF-XXX	BMA Male(Pin)	BMA Female(Socket)	ø0.086"	DC - 18GHz
#8	D8A28-L1L1-XXX	BMA Male(Pin)	BMA Male(Pin)	ø0.086"	DC - 18GHz
#12	D12A28-S1PMM-XXX	SMPM Male(Socket)	SMA Male	ø0.086"	DC - 18GHz
#12	D12A28-S1PMF-XXX	SMPM Female(Pin)	SMA Male	ø0.086"	DC - 18GHz
#12	D12A28-PMMPMM-XXX	SMPM Male(Socket)	SMPM Male(Socket)	ø0.086"	DC - 18GHz
#12	D12A28-PMMPMF-XXX	SMPM Male(Socket)	SMPM Female(Pin)	ø0.086"	DC - 18GHz
#12	D12A28-PMFPMF-XXX	SMPM Female(Pin)	SMPM Female(Pin)	ø0.086"	DC - 18GHz
#16	D16A33-S1PGM-XXX	SMPS Male	SMA Male	ø0.047"	DC - 18GHz
#16	D16A33-S1PGF-XXX	SMPS Female	SMA Male	ø0.047"	DC - 18GHz
#16	D16A28-S196F-XXX	Mil Contact M39029/78	SMA Male	ø0.086"	DC - 500MHz
#16	D16A28-S1961-XXX	Mil Contact M39029/76	SMA Male	ø0.086"	DC - 500MHz

FXX = Length in Feet (eg F03=3ft) - SXX = Length in Inches (eg S18=18") - XMX = Length in Meters (eg 2M5=2.5m)

Other RF connector solutions up to 65GHz available by request.

- ConductRF D38999 Solutions are cables that have the D38999 circular connector interface, which is strong and stable for tough environments and high vibration applications.
- ConductRF Plug-In RF cables are designed to give customers more options and convenience for their own assembly of complex D38999 solutions. ConductRF can tailor the lengths and connector configurations and then provide phase matched sets or kits of cables that our customer can plug in on demand or in their own lab as they require. Testing requirement can also be modified to meet customer needs. ConductRF verifies every D38999 RF assembly to its max frequency before shipping.
- Customers can choose their preferred connectors and cables from specific manufacturers, such as SV Microwave, Glenair, Times Microwave and others. ConductRF connectors offer the same RF and Mechanical performance levels and are often ready in stock, which can reduce delivery times.
- For more configuration options, such as mixed signal versions with D-Sub, USB, Ethernet and more, customers can reach out to our sales team directly.