

Radius Swept 90° Adapters & Connectors

N, TNC, SMA

Features

- One piece center conductor
- Low VSWR to 18 GHz
- BeCu or Stainless construction
- SMA, N, or TNC
- Specials available
- Low susceptibility to vibration and shock
- Delivery from stock

MIDISCO swept adapters and connectors consist of a bent section that houses a one-piece center conductor. This design eliminates the vibration and shock failures that could occur if there were a solder joint. Superior VSWR to 18 GHz is inherent in the design.

Model	Adapter Ends		A	B	Figure
RRNM-NM	N Plug	N Plug	1.094	1.084	4
RRNM-NF	N Plug	N Jack	1.109	1.000	4
RRSM-SM-S	SMA Plug	SMA Plug	0.550	0.550	4
RRSM-SF-S	SMA Plug	SMA Jack	0.550	0.460	4
RRSF-SF-S	SMA Jack	SMA Jack	0.460	0.460	4
RRSM-SF-S/45	SMA Plug	SMA Jack	N/A	N/A	5
RRTM-TM	TNC Plug	TNC Plug	1.060	1.060	4
RRTM-TF	TNC Plug	TNC Jack	0.953	1.060	4

Model	Description	A	B	Figure
MDC0451S	Extended contact, .590 insulator	1.017	0.590	1
MDC0452S	SMA jack, solder pot per figure 2	0.488	0.090	1
MDC0453S	Extended contact and insulator	0.612	0.100	1
MDC0456S	Flush insulator, extended contact	0.747	0.000	1
MDC0458S	Plug with solder pot	0.488	0.090	2
MDC0460S	Plug for RG55, 142, 223 cable	0.960	0.780	3
MDC0462S	Plug for 0.085 (RG405) cable	0.712	0.525	3
MDC0464S	Flush insulator, extended contact	0.622	0.000	1
MDC0465S	Flush insulator, extended contact	0.386	0.000	1
MDC0466S	Flush insulator, extended contact	0.412	0.000	1
MDC0467S	Flush insulator, extended contact	0.362	0.000	1
MDC0468S	Flush insulator, extended contact	0.562	0.000	1
MDC0469S	Flush insulator, extended contact	0.712	0.000	1
MDC0470S	Flush insulator, extended contact	0.772	0.000	1
MDC0471S	Extended contact and insulator	0.612	0.100	1
MDC0472S	Extended contact and insulator	1.017	0.590	1
MDC0473S	Extended contact and insulator	0.412	0.050	2

Note: The default finish is passivated. For gold plating drop the S suffix from part number.

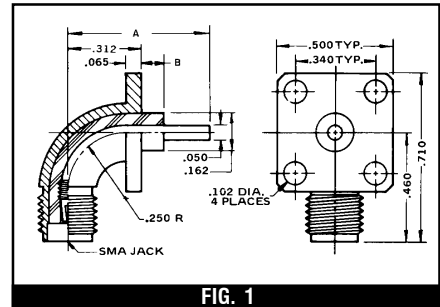


FIG. 1

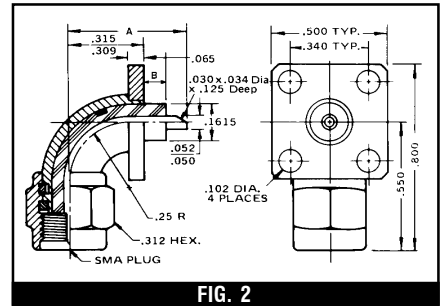


FIG. 2

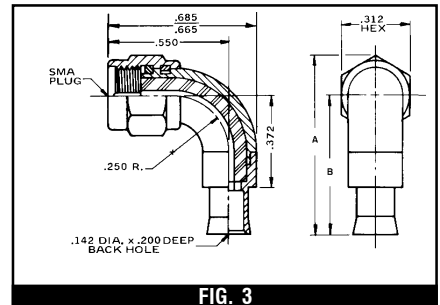


FIG. 3

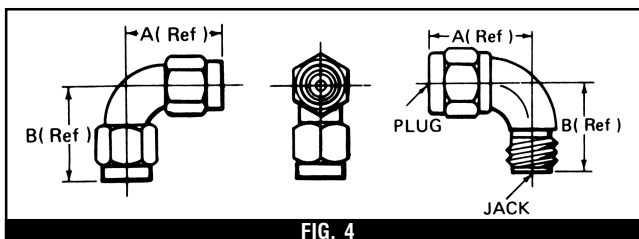
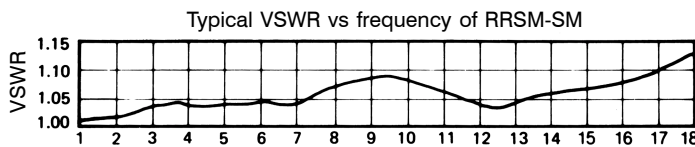


FIG. 4

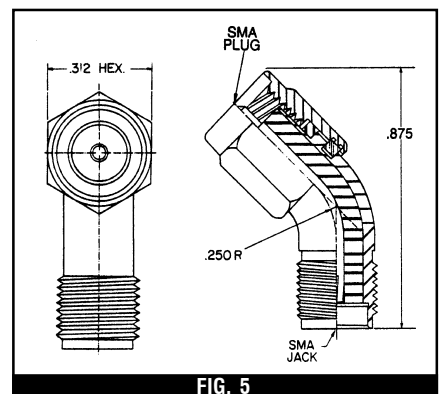


FIG. 5