

Coaxial Adapters

Adapter Tables

A convenient Adapter Part Number Table, Adapter Code Table, and Adapter Construction Table can help you find a part number. They can also help you understand our part numbering system. Since there are many combinations possible, only some of the most common are shown here. **Please call if you don't see exactly what you need.**

	SSMA		SMA		SMB		SMC		BNC		Type N		TNC	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SMA	Male	MDC3314 MDC3100	SM-SM	SM-SF	MDC3037	MDC3038	MDC3039	MDC3040	BM-SM	BF-SM	NM-SM	NF-SM	TM-SM	TF-SM
	Female	MDC3312 MDC3313	SM-SF	SF-SF	MDC3033	MDC3034	MDC3035	MDC3036	BM-SF	BF-SF	NM-SF	NF-SF	TM-SF	TF-SF
SMB	Male	MDC7916-3 MDC7915-3	MDC3037	MDC3033	MDC6234	MDC6004	MDC3041	MDC3042	MDC4021-3	MDC4030-3	MDC4024-3	MDC4032-3	MDC4027-3	MDC4031-3
	Female	MDC7916-4 MDC7915-4	MDC3038	MDC3034	MDC6004	MDC6237	MDC3045	MDC3044	MDC4021-4	MDC4030-4	MDC4024-4	MDC4032-4	MDC4027-4	MDC4031-4
SMC	Male	MDC7916-1 MDC7915-1	MDC3039	MDC3035	MDC3041	MDC3045	MDC8134	MDC8001	MDC4021-1	MDC4030-1	MDC4024-1	MDC4032-1	MDC4027-1	MDC4031-1
	Female	MDC7916-2 MDC7915-2	MDC3040	MDC3036	MDC3042	MDC3044	MDC8001	MDC8137	MDC4021-2	MDC4030-2	MDC4024-2	MDC4032-2	MDC4027-2	MDC4031-2
BNC	Male	MDC7909 MDC7903	BM-SM	BM-SF	MDC4021-3	MDC4021-4	MDC4021-1	MDC4021-2	BM-BM	BM-BF	NM-BM	NF-BM	BM-TM	BM-TF
	Female	MDC7910 MDC7904	BF-SM	BF-SF	MDC4030-3	MDC4030-4	MDC4030-1	MDC4030-2	BM-BF	BF-BF	NM-BF	NF-BF	BF-TM	BF-TF
N	Male	MDC7911 MDC7905	NM-SM	NM-SF	MDC4024-3	MDC4024-4	MDC4024-1	MDC4024-2	NM-BM	NM-BF	NM-NM	NM-NF	NM-TM	NM-TF
	Female	MDC7912 MDC7906	NF-SM	NF-SF	MDC4032-3	MDC4032-4	MDC4032-1	MDC4032-2	NF-BM	NF-BF	NM-NF	NF-NF	NF-TM	NF-TF
TNC	Male	MDC7913 MDC7907	TM-SM	TMSF	MDC4027-3	MDC4027-4	MDC4027-1	MDC4027-2	BM-TM	BF-TM	NM-TM	NF-TM	TM-TM	TM-TF
	Female	MDC7914 MDC7908	TF-SM	TF-SF	MDC4031-3	MDC4031-4	MDC4031-1	MDC4031-2	BM-TF	BF-TF	NM-TF	NF-TF	TM-TF	TF-TF
SSMA	Male	MDC1143 MDC1144	MDC3314	MDC3312	MDC7916-3	MDC7916-4	MDC7916-1	MDC7916-2	MDC7909	MDC7910	MDC7911	MDC7912	MDC7913	MDC7914
	Female	MDC1144 MDC1142	MDC3100	MDC3313	MDC7915-3	MDC7915-4	MDC7915-1	MDC7915-2	MDC7903	MDC7904	MDC7905	MDC7906	MDC7907	MDC7908

Most standard adapters are nickel plated brass except SMA and SSMA which are usually gold plated stainless steel. When available, particular adapters in the MDC3XXX series can be ordered with a passivated finish by adding "S" to the part number. In the MDC4XXX series, add "G" to part number for gold plating.

Adapter Code Table	
BNC	B
C	C
874	874
HN	H
N	N
SC	SC
SMA	S
TNC	T
UHF	U
Male	M
Female	F
Bulkhead	Prefix with B
Right Angle	Prefix with R
Radius (swept)	RR
Panel (flange)	Prefix with P
usage through 18 GHz: Precision	Prefix with X
Examples	Part No.
N (male) to SMA (female)	NM-SF
TNC (female) to SMA (male)	TF-SM
BNC (male) to BNC (female)	BM-BF
Precision panel mount	
N (female) to SMA (female)	XPNF-SF
Bulkhead N (male) to SMA (female)	BNM-SF

General Adapter Information (Consult factory for additional information)

Many MIDISCO adapters are available with one or both interfaces reverse polarized (RP), indicated by adding the suffix RP after the series designator. For example, a standard Type N Plug to SMA jack adapter is a NM-SF. If the type N side is reverse polarized, the part number is NMRP-SF, while reverse polarizing on both sides is indicated as a NMRP-SFRP. Although not heavily stressed in this catalog, MIDISCO also has a wide variety of MCX and MMCX inter and intra series adapters.

Many BNC, TYPE N, TNC, and MCX (jack-to-jack adapters only) are also available in 75 Ω configurations. A -75 suffix is added to part number. With the exception of the type N series, all 75 Ω adapters will interface mechanically and electrically with their 50 Ω counterparts.

The Adapter Part Number Table shown above will aid the user in finding a part number. Page 33 contains an Adapter Suffix Table. It shows how the part numbers for the 4XXX series shown on this page are derived, and provides the user a tool to create part numbers for specific adapters not shown in catalog.