

# Adapters



## PRODUCT FEATURES

- Manufactured in silver-plated brass and PTFE teflon
- Wide range of sizes
- Low VSWR

## PRODUCT PROFILE

Exir Broadcasting manufactures a wide variety of adapters for flange and unflange rigid line and other connectors. Custom designs are also available.

We guarantee VSWR lower than 1.05 on every adapter. The maximum power is the same as the specifications for the smallest diameter/connector. Measurement protocols and more detailed specifications concerning the materials used are available on request.

The adapters that we manufacture are made from solid silver-plated brass. The most common material for support and isolation details is high quality teflon (PTFE). The teflon is electrically controlled before being milled and lathed into its final shape. As different types of teflon have different electrical characteristics, these measurements are monitored to help us maintain uniform high quality.

All models with flanges at both ends are fully water-proof. Joints and holes for screws are covered with high quality EPDM or silicone O-rings. These gaskets also maintain internal gas pressure in pressurised systems.

CONNECTING ENDS	Length (outer conductor)	ARTICLE
7/8" unflange to N-female	77 mm	R078-00Nf-A000
7/8" unflange to 7/16 female	66 mm	R078-716f-A0
7/8" unflange to 7/16 male	67 mm	R078-716m-A0
7/8" unflange to 7/8" flange	26 mm	R078-078F-A0
7/8" flange to 7/16 female	77 mm	078F-716f-A0
7/8" flange to 7/16 male	78 mm	078F-716m-A0
1 5/8" unflange to N-female	84 mm	158R-00Nf-AA00
1 5/8" unflange to 7/16 female	74 mm	R158-716f-A0
1 5/8" unflange to 7/16 male	74 mm	R158-716m-A0
1 5/8" unflange to 7/8 unflange	87 mm	158R-078R-AA00
1 5/8" unflange to 7/8 flange	97 mm	R158-078F-A0
1 5/8" unflange to 1 5/8" flange	36 mm	R158-158F-A0
1 5/8" flange to N-female	74 mm	158F-00Nf-AA00
1 5/8" flange to 7/16 female	88 mm	158F-716f-A0
1 5/8" flange to 7/16 male	89 mm	158F-716m-A0
3 1/8" unflange to N-female	97 mm	318R-00Nf-AA00
3 1/8" unflange to 7/16 female	87 mm	R318-716f-A0
3 1/8" unflange to 7/16 male	88 mm	R318-716m-A0
3 1/8" unflange to 7/8" flange	106 mm	R318-078F-A0
3 1/8" unflange to 1 5/8" unflange	85 mm	R318-R158-A0
3 1/8" unflange to 1 5/8" flange	101 mm	R318-158F-A0
3 1/8" unflange to 3 1/8" flange	45 mm	R318-318F-A0
3 1/8" flange to N-female	109 mm	318F-00Nf-AA00
3 1/8" flange to 7/16 female	109 mm	318F-716f-A0
3 1/8" flange to 7/16 male	110 mm	318F-716m-A0
3 1/8" flange to 1 5/8" flange	125 mm	318F-158F-A0
RL98 unflange to 7/16 female	121 mm	RL98-716f-A0
RL98 unflange to 7/16 male	122 mm	RL98-716m-A0
RL98 unflange to 1 5/8" unflange	124 mm	RL98-R158-A0
RL98 unflange to 1 5/8" flange	89 mm	RL98-158F-A0
RL98 unflange to 3 1/8" unflange	95 mm	RL98-R318-A0
RL98 unflange to 3 1/8" flange	120 mm	RL98-318F-A0
4 1/2" unflange to N-female	140 mm	412R-00Nf-AA00
4 1/2" unflange to N-male	140 mm	412R-00Nm-AA00
4 1/2" unflange to 7/16 female	134 mm	412R-716f-AA00
4 1/2" unflange to 7/16 male	135 mm	412R-716m-AA00
4 1/2" unflange to 1 5/8" unflange	135 mm	412R-158R-AA00
4 1/2" unflange to 3 1/8" unflange	95 mm	412R-318R-AA00
4 1/2" unflange to 3 1/8" flange	118 mm	R412-318F-A0
4 1/2" unflange to RL98 unflange	97 mm	412R-RL98-AA00
4 1/2" unflange to 4 1/2" flange	63 mm	R412-412F-A0
4 1/2" flange to 3 1/8" unflange	118 mm	412F-R318-A0
4 1/2" flange to RL98 unflange	120 mm	412F-RL98-A0
NAX120 unflange to 7/16 female	130 mm	R120-716f-A0
NAX120 unflange to 7/16 male	131 mm	R120-716m-A0
NAX120 unflange to 3 1/8" flange	138 mm	R120-F318-AA00
NAX120 unflange to RL98 unflange	107 mm	R120-RL98-A0
NAX120 unflange to 4 1/2" flange	125 mm	R120-412F-A0
6 1/8" unflange to RL98 unflange	136 mm	R618-RL98-A0
6 1/8" unflange to NAX 120 unflange	123 mm	R618-R120-A0
6 1/8" unflange to 6 1/8" flange	71 mm	R618-618F-A0
6 1/8" flange to RL98 unflange	167 mm	618F-RL98-A0
6 1/8" flange to NAX 120 unflange	154 mm	618F-R120-A0
6 1/8" flange to 3 1/8" flange	186 mm	618F-318F-A0
6 1/8" flange to 4 1/2" flange	40 mm	618F-412F-AA00
RL230 unflange to 6 1/8" flange	190 mm	R230-618F-A0
RL230 unflange to RL230 flange	84 mm	R230-230F-A0