

# 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 flanged and unflanged 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 waterproof. 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
EIA 7/8" unflanged to N-female	77 mm	<b>R078-00Nf-AO</b>
EIA 7/8" unflanged to DIN 7/16 female	66 mm	<b>R078-716f-AO</b>
EIA 7/8" unflanged to DIN 7/16 male	67 mm	<b>R078-716m-AO</b>
EIA 7/8" unflanged to EIA 7/8" flanged	26 mm	<b>R078-078F-AO</b>
EIA 7/8" flanged to DIN 7/16 female	77 mm	<b>078F-716f-AO</b>
EIA 7/8" flanged to DIN 7/16 male	78 mm	<b>078F-716m-AO</b>
EIA 1 5/8" unflanged to N female	84 mm	<b>158R-00Nf-AA00</b>
EIA 1 5/8" unflanged to DIN 7/16 female	74 mm	<b>R158-716f-AO</b>
EIA 1 5/8" unflanged to DIN 7/16 male	74 mm	<b>R158-716m-AO</b>
EIA 1 5/8" unflanged to EIA 7/8 unflanged	87 mm	<b>158R-078R-AA00</b>
EIA 1 5/8" unflanged to EIA 7/8 flanged	97 mm	<b>R158-078F-AO</b>
EIA 1 5/8" unflanged to EIA 1 5/8" flanged	36 mm	<b>158R-158F-AO</b>
EIA 1 5/8" flanged to DIN 7/16 female	88 mm	<b>158F-716f-AO</b>
EIA 1 5/8" flanged to DIN 7/16 male	89 mm	<b>158F-716m-AO</b>
EIA 3 1/8" unflange to N female	97 mm	<b>318R-00Nf-AA00</b>
EIA 3 1/8" unflanged to DIN 7/16 female	87 mm	<b>R318-716f-AO</b>
EIA 3 1/8" unflanged to DIN 7/16 male	88 mm	<b>R318-716m-AO</b>
EIA 3 1/8" unflanged to EIA 7/8" flanged	106 mm	<b>R318-078F-AO</b>
EIA 3 1/8" unflanged to EIA 1 5/8" unflanged	85 mm	<b>R318-R158-AO</b>
EIA 3 1/8" unflanged to EIA 1 5/8" flanged	101 mm	<b>R318-158F-AO</b>
EIA 3 1/8" unflanged to EIA 3 1/8" flanged	45 mm	<b>R318-318F-AO</b>
EIA 3 1/8" flanged to DIN 7/16 female	109 mm	<b>318F-716f-AO</b>
EIA 3 1/8" flanged to DIN 7/16 male	110 mm	<b>318F-716m-AO</b>
EIA 3 1/8" flanged to EIA 1 5/8" flanged	125 mm	<b>318F-R158-AO</b>
RL98 to DIN 7/16 female	121 mm	<b>RL98-716f-AO</b>
RL98 to DIN 7/16 male	122 mm	<b>RL98-716m-AO</b>
RL98 to EIA 1 5/8" unflanged	124 mm	<b>RL98-R158-AO</b>
RL98 to EIA 1 5/8" flanged	89 mm	<b>RL98-158F-AO</b>
RL98 to EIA 3 1/8" unflanged	95 mm	<b>RL98-R318-AO</b>
RL98 to EIA 3 1/8" flanged	120 mm	<b>RL98-318F-AO</b>
EIA 4 1/2" unflanged to DIN 7/16 female	134 mm	<b>412R-716f-AA00</b>
EIA 4 1/2" unflanged to DIN 7/16 male	135 mm	<b>412R-716m-AA00</b>
EIA 4 1/2" unflanged to EIA 1 5/8" unflanged	135 mm	<b>412R-158R-AA00</b>
EIA 4 1/2" unflanged to EIA 3 1/8" unflanged	95 mm	<b>412R-318R-AA00</b>
EIA 4 1/2" unflanged to EIA 3 1/8" flanged	118 mm	<b>R412-318F-AO</b>
EIA 4 1/2" unflanged to RL98	97 mm	<b>412R-RL98-AA00</b>
EIA 4 1/2" unflanged to EIA 4 1/2" flanged	63 mm	<b>R412-412F-AO</b>
EIA 4 1/2" flanged to EIA 3 1/8" unflanged	118 mm	<b>412F-R318-AO</b>
EIA 4 1/2" flanged to RL98	120 mm	<b>412F-RL98-AO</b>
Nax 120 to DIN 7/16 female	130 mm	<b>R120-716f-AO</b>
Nax 120 to DIN 7/16 male	131 mm	<b>R120-716m-AO</b>
Nax 120 to RL98	107 mm	<b>R120-RL98-AO</b>
Nax 120 to EIA 4 1/2" flanged	125 mm	<b>R120-412F-AO</b>
EIA 6 1/8" unflanged to RL98	136 mm	<b>R618-RL98-AO</b>
EIA 6 1/8" unflanged to Nax 120	123 mm	<b>R618-R120-AO</b>
EIA 6 1/8" unflanged to EIA 6 1/8" flanged	71 mm	<b>R618-618F-AO</b>
EIA 6 1/8" flanged to RL98	167 mm	<b>618F-RL98-AO</b>
EIA 6 1/8" flanged to Nax 120	154 mm	<b>618F-R120-AO</b>
EIA 6 1/8" flanged to EIA 3 1/8" flanged	186 mm	<b>618F-318F-AO</b>
RL230 to EIA 6 1/8" flanged	190 mm	<b>R230-618F-AO</b>
RL230 to RL230 flanged	84 mm	<b>R230-230F-AO</b>