



Mega Industries WR510 3dB hybrids are available as a basic subsystem building block. Quadrature, or 90 degree, equal power division hybrids are normally supplied with single flange outputs. However, dual flange outputs are available to our standards in accordance with your feed system layouts. Unequal 4.77 dB and 6 dB units are also available. If your requirements necessitate power combining or dividing in unequal ratios, contact our sales department for technical assistance.

These units meet, as a minimum the following electrical specifications over a 10% bandwidth:

Amplitude Balance	+/- 0.25 dB phase
Balance	90° +/- 2° Insertion
Loss	Less than 0.1 dB
Isolation	28 dB minimum
VSWR	1.10:1

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