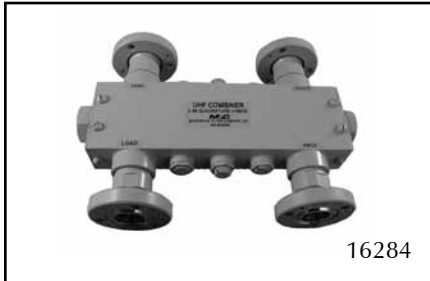


DTV (UHF) Couplers

UHF Hybrid Couplers

Model 16284

These couplers provide a 90° phase shift of the transmit signal(s) between input & output ports, allowing the user to combine (or split) the signal(s) with a limited amount of transmission line components - making them ideal for those special antenna configurations. When used in conjunction with dual bandpass filters, these devices can also combine (2) **adjacent** UHF analog *or* digital channels.



Specifications:

Frequency Range	470-806 MHz
Coupling	3 dB, ± 0.4 dB Max
Isolation	20 dB Min
Phase Balance	$\pm 0.5^\circ$ Max
VSWR	1.18:1 Max
Impedance	50 ohms
Power Rating	1500 Watts Max
Operating Temperature Range	0° to 50° C
Connectors	7/8" EIA
Optional Connectors	1 5/8" EIA

MICROWAVE FILTER CO., INC.
6743 KINNE STREET, E. SYRACUSE, NY 13057
E-Mail: mfcsales@microwavefilter.com

800-448-1666 • 315-438-4700
Web: www.microwavefilter.com