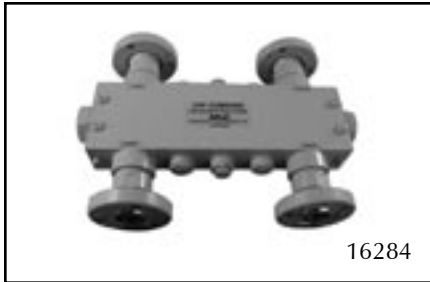


# UHF Hybrid Couplers



## **Model 16284A (Adjacent Configuration)**

## **Model 16284C (Crossover Configuration)**

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 .....	±0.5° (Max)
Return Loss .....	25dB (Typ)
Impedance.....	50 Ohms
Power Handling .....	1500 Watts (Max)
Temperature Rating.....	0° to 50° C
Connectors .....	7/8" EIA
Optional Connectors....	1 5/8" EIA



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