

JERROLD VHF-UHF BAND SPLITTER/MIXER

DESCRIPTION

Model FCO-375 is a 75-ohm frequency crossover network mounted in a die-cast zinc housing with integral fittings that accept the Jerrold "F" series connectors.

The unit is designed for splitting the DC to 890 MHz band into a DC to 300 MHz band and a 470 to 890 MHz band, or to combine these two bands into a single one ranging from DC to 890 MHz. The crossover frequency falls approximately at 375 MHz.

MODEL FCO-375

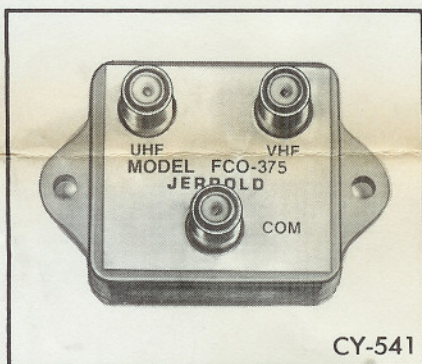


Fig. 1 Model FCO-375

SPECIFICATIONS

PASSBANDS	DC-300 MHz and 470-890 MHz
IMPEDANCE	75 ohms, all terminals
RETURN LOSS (Nominal)	DC-300 MHz, 21 dB; 470-806 MHz, 16 dB; 806-890 MHz, 14 dB
INSERTION LOSS (Nominal)	DC-300 MHz, 0.2 dB; 470-890 MHz, 0.5 dB
ISOLATION BETWEEN VHF and UHF TERMINALS	25 dB min. with COM terminal terminated in 75 Ω

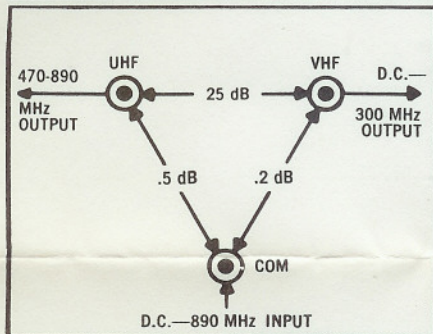


Fig. 2 Model FCO-375
Connected as Splitter

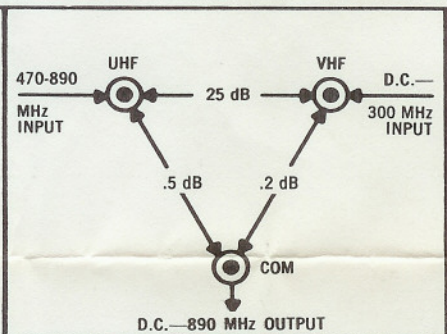


Fig. 3 Model FCO-375
Connected as Mixer

MOUNTING

Model FCO-375 is designed for indoor surface mounting.