

# LOW-LOSS HYBRID SPLITTER MODEL 1592

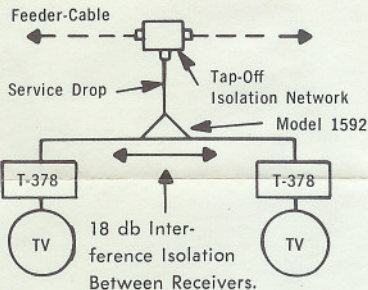
### DESCRIPTION

Jerrold Model 1592 is a low-loss, three-terminal, directional coupler with high isolation between output terminals. This unit features a flat frequency response over the entire band from 6 to 216 mc and is designed for accurate impedance matching.

Model 1592 has a radiation-proof housing and is equipped with Jerrold F-61A fittings for quick connection to coaxial cable via Jerrold connectors.

### APPLICATIONS

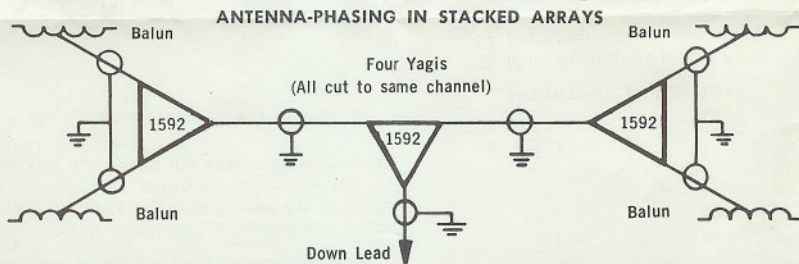
#### TWO-SET COUPLER



#### ANTENNA-PHASING IN STACKED ARRAYS

Model 1592 is used in this application as a paralleling device which combines the outputs of a pair of yagis (cut to the same channel) in phase and transforms the antenna impedances to match a 75-ohm load.

NOTE: For complete data see Technical Bulletin No. 113-A.

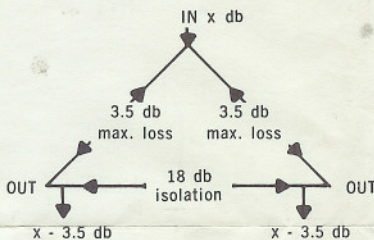


### SPECIFICATIONS

Insertion Loss .....	3.5 db max.
Bandwidth .....	.6-216 mc
Impedance (input and output) .....	75 ohms
VSWR (input) .....	1.3:1
(output) .....	1.3:1
Isolation between outputs .....	18 db min.
Fittings .....	3 F-61A
Dimensions .....	2 1/4" x 2 1/4" x 1-5/16"
Shipping Weight .....	8 oz.

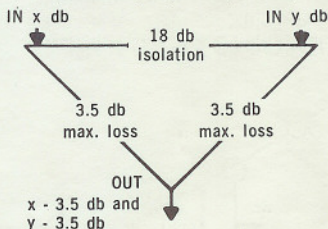
#### TWO-WAY SPLITTER

(Feeder or Trunk Cable)



#### MIXING NETWORK

(Antennas, Amplifiers, Cables)



#### MOUNTING ACCESSORIES

- 3 Male Connectors Model F-59A
- 2 Mounting Screws

Data subject to change without notice

### JERROLD ELECTRONICS

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