



UHF/VHF MULTI-TAPS

MODELS 1405, 1406, 1407A

DESCRIPTION

Jerrold Models 1405, 1406, and 1407A are UHF/VHF feed-thru line-tap networks which are designed to divert portions of the r-f signal from the main feeder line of a small distribution system to individual television receivers. Each unit will feed as many as four receivers.

The 1405, with its characteristic high tap attenuation, is intended for use in a system at a point where a high signal level is present. A typical application would be as the first tap following a short run of cable from the system amplifier.

The 1406 has less tap attenuation. It is therefore intended for use at a point where a medium signal level is present, such as in the feeder line following the 1405 or after a longer cable run from the system amplifier.

The 1407A, with the least tap attenuation, is intended for installation toward the end of a feeder line where the signal level is lowest. To obtain proper match; a TR-75F terminating resistor is required on the feeder-line output terminal of the last 1407A on a line.

Two mounting screws and six F-659 connectors, for installation, are supplied with each unit.

SPECIFICATIONS

	1405	1406	1407A
IMPEDANCE	75-ohms all terminals		
TAP ATTENUATION DC - 216 MHz 470 - 890 MHz	27±1 dB 24±2 dB	20±1 dB 19.5±2.5 dB	14±1 dB 17±1 dB
NOMINAL FEED-THRU LOSS DC - 216 MHz 470 - 890 MHz	0.8 dB 1.0 dB	1.8 dB 2.2 dB	1.5 dB 3.5 dB

INSTALLATION

NOTE: For optimum performance, all unused taps of the 1405, 1406, and 1407A should be terminated with ST-1203 terminators.

1. With the two mounting screws provided, mount the tap at the location chosen as a distribution point.
2. Prepare the cable ends and install the F-659 connectors as described in Instruction Sheet 435-650.
3. Connect the cables to the unit; hand-tighten the F-659 connectors; then wrench-tighten each not more than 1/6 of a turn.

NOTE: For receivers with 300-ohm antenna input terminals, a matching transformer will have to be inserted between the end of the tap line and the receiver.

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