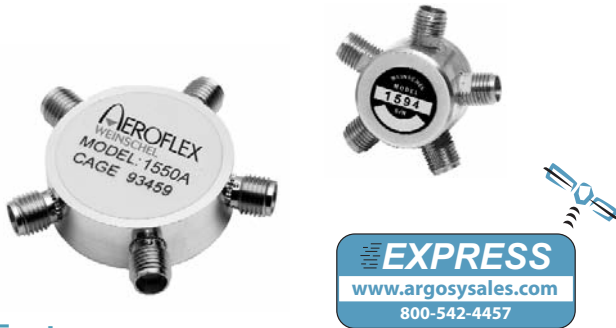


Model 1550A

Model 1594

4-WAY Resistive Power Dividers

Subminiature, SMA / 3.5mm Connectors



Features

- /// **Broadband Performance.**
- /// **Excellent Tracking Between Ports.**
- /// **Miniature Size and Light Weight.**
- /// **Wireless Applications** - Model 1550A is specifically designed for use in the wireless communications bands.

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: 1550A: dc to 3.0 GHz (usable to 5 GHz)
1594: dc to 18.0 GHz

INSERTION LOSS*:

Model 1550A: 12 dB nominal, 13.5 dB maximum
Model 1594: 12 dB nominal, 14.5 dB maximum
* input port to any output port with all other terminated.

MAXIMUM INPUT POWER: 1550A: 1 watt CW
1594: 2 watts CW

AMPLITUDE & PHASE TRACKING (Maximum):

Model No.	Frequency (GHz)	Tracking*	
		Amplitude	Phase
1550A	dc - 3	±0.5 dB	±10°
1594	dc - 12	<2.0 dB	<30°
	12 - 18	<2.5 dB	<50°

*Between output ports.

NUMBER OF PORTS: 1 input and 4 outputs

TEMPERATURE RANGE: -55°C to +100°C

CONNECTORS: Model 1550A: SMA female connectors all ports--mate nondestructively with other SMA, 2.92mm and 3.5mm connectors.

Model 1594: 3.5mm female connectors all ports--mate non-destructively with other SMA, 2.92mm and 3.5mm connectors.

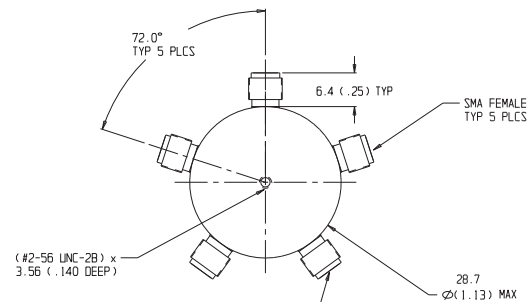
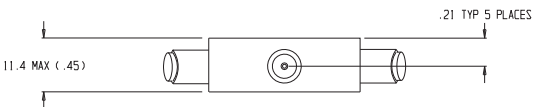
MAXIMUM SWR:

Model No.	SWR
1550A	1.25
1594	1.30

WEIGHT: 1550A: 28 g (1.0 oz) maximum
1594: 30 g (1.05 oz) maximum

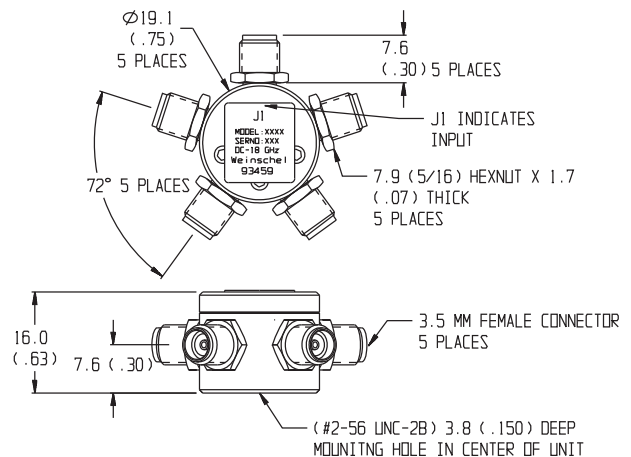
PHYSICAL DIMENSIONS:

Model 1550A:



CAUTION: TORQUE ON CONNECTORS NOT TO EXCEED 7 TO 10 INCH POUNDS (PER MIL-C-39012). THESE CONNECTORS ARE PRESS FIT. EXCEEDING THIS MAY CAUSE CONNECTOR TO COME LOOSE.

Model 1594:



NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.