T-PAD

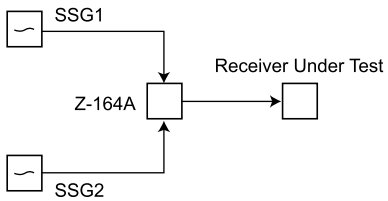
Z-164A

DC to 1 GHz

The Z-164A is used as a matching pad for applying the mixed output of two signal generators to the input terminal of a receiver for measuring two-signal characteristics (such as the blocking and intermodulation characteristic) of the receiver.

Specifications

Frequency Range	DC to 1 GHz
Insertion Loss	6 ±0.5 dB (voltage ratio)
Impedance Characteristics	50 Ω VSWR: ≤1.3 (<500 MHz), ≤1.5 (≥500 MHz)
Connector	N (S)-J
Maximum Allowable Power	0.5 W
Operating Temperature Range	0° to 45°C

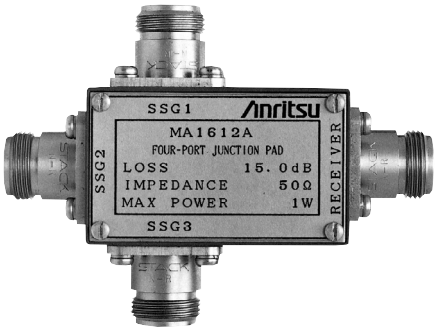


Connection for Measuring Two-signal Characteristics

FOUR-PORT JUNCTION PAD

MP659A, MA1612A

40 MHz to 1 GHz 5 MHz to 3 GHz



MA1612A

The MP659A and MA1612A are used as an impedance matching box applying the mixed output of three RF signal generators to a receiver input terminal for measurement of three-signal characteristics (such as receiver SINAD performance).

Specifications

Model	MP659A	MA1612A
Frequency Range	40 MHz to 1 GHz	5 MHz to 3 GHz
Insertion Loss	10.5 ±1 dB	15 ±1.0 dB (<1 GHz) 15 ±1.5 dB (≥1 GHz)
Impedance Characteristics	50 Ω VSWR: ≤1.3 (<500 MHz) ≤1.5 (≥500 MHz)	50 Ω VSWR: ≤1.4 (<1 GHz) ≤2.0 (≥1 GHz)
Connector	N (S)-J	
Isolation	SSG1-SSG2: ≥30 dB SSG1-SSG3: ≥30 dB SSG2-SSG3: ≥25 dB	SSG1-SSG2, SSG1-SSG3: ≥30 dB (<1 GHz) ≥25 dB (<2 GHz) ≥20 dB (≤3 GHz) SSG2-SSG3: ≥20 dB
Maximum Allowable Power	1 W	
Operating Temperature Range	0° to 50°C