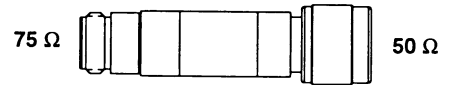


CALIBRATED 50-75 Ω MINIMUM LOSS MATCHING PAD (P/N 138-650)



The TEGAM 50-75 Ω Minimum Loss Matching Pad is an unsymmetrical attenuator which has different port impedances. It is called a minimum loss pad because the attenuation is selected for the smallest value consistent with both ports being matched. When used as part of the TEGAM System IIA Precision Power Source, this calibrated Minimum Loss Matching Pad allows the user to calibrate 75 Ω power sensors over the 0.1 MHz-2.7 GHz frequency range.

The diagram below shows a typical setup for the System IIA Precision Power Source using the 50-75 Ω Minimum Loss Matching Pad (P/N 138-650) to calibrate 75 Ω sensors.

SPECIFICATIONS:

CHARACTERISTIC IMPEDANCE: 75:50 Ω

FREQUENCY RANGE: 0.1 MHz to 2.7 GHz

VOLTAGE TRANSFORMATION (50 to 75 Ω): 4.0 dB

SWR: ≤ 1.06

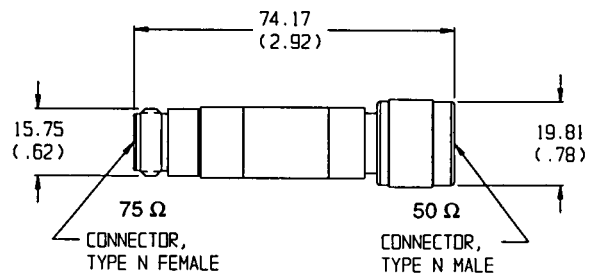
POWER RATING: 2 Watts

CONNECTORS: 50 Ω Type N Male to 75 Ω Type N Female

CALIBRATION: Full S Parameters provided @ 0.1, 0.2, 0.455, 1, 1.25, 3, 5, 10-100 MHz in 10 MHz steps, 0.15-2 GHz in 50 MHz steps, 2.1-2.7 GHz in 50 MHz steps

WEIGHT: UNIT: 105 grams (0.25 lbs)
UNIT & CASE: 300 grams (0.67 lbs)

PHYSICAL DIMENSIONS:



PORT 1 = 50 Ω Female

