



85044A Transmission/Reflection Test Set, 50 Ohm, 300 kHz to 3 GHz

Data Sheet

Product Specifications

Frequency Range: 300 kHz to 3 GHz

Impedance: 50 ohms

Directivity:¹ 35 dB to 1.3 GHz
30 dB to 3 GHz

Typical Tracking

Transmission Magnitude, Phase^{1&3}

0.3 MHz to 2 MHz: ± 1.5 dB, ± 10 degrees

2 MHz to Fmax: ± 1.5 dB, ± 10 degrees

Reflection Magnitude, Phase^{1&2&3}

0.3 MHz to 2 MHz: ± 1.5 dB, ± 25 degrees

2 MHz to Fmax: ± 1.5 dB, ± 10 degrees

Effective Source Match^{2&3} (test ports)

0.3 MHz to 2 MHz: 14 dB

2 MHz to 1.3 GHz: 20 dB

1.3 GHz to Fmax: 16 dB

RF Connectors

Test Port: Precision 7 mm

All Others: 50 ohm Type-N (f)

Physical Characteristics

Size: 191 mm W x 62 mm H x 204 mm D

(7.5 in x 2.44 in x 8.0 in)

Net Weight: 1.7 kg (3.8 lb)

Shipping Weight: 2.0 kg (4.4 lb)

¹Degrees, specified as deviation from linear phase

²Fmax is the upper frequency limit of the associated test set

³Can be improved through accuracy enhancement



Agilent Technologies