



# 85060A Electronic Calibration Module, 1 to 18 GHz, 7mm

## Data Sheet

**Frequency Range** Standard: 1 to 18 GHz  
Opt 001: .045 to 2 GHz

**Maximum Power:** +20 dBm

**Connectors:** 7 mm

**Measurement Port Characteristics**<sup>1,2</sup>

Agilent 85060A

Frequency Range (GHz) Residual 1 to 2<sup>3</sup>, 2 to 8, 8 to 18

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Directivity (dB) Typical 49.5, 49.5, 47.5

Specification 48 47.5 44.5

Source Match (dB) Typical 47.5 46 43

Specification 46 44 39.5

Reflection Tracking ( $\pm$ dB) Typical 0.026 0.04 0.05

Specification 0.032 0.046 0.073

Agilent 85060A Opt 001

Frequency Range (GHz) Residual 0.045 to 2<sup>3</sup>

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Directivity (dB) Typical: 54

Specification: 51

Source Match (dB) Typical: 46.5

Specification: 44.5

Reflection Tracking ( $\pm$ dB) Typical: 0.03

Specification: 0.038

<sup>1</sup>Typical numbers exclude the effect of Shock and Humidity. Typical performance can be achieved if the module is not exposed to severe humidity or dropped from greater than 16 inches after factory calibration. Specifications include the effects of all environmental conditions: Sine Vibration, Random Vibration, Storage Survival, Operating Temperature Stability, Shock, Humidity.

<sup>2</sup>Port A and B have different specifications. Difference is typically 0 to 2 dB for source match and directivity, and 0 to 0.006 dB for reflection tracking. Data Shown is worst case (port B).

<sup>3</sup>When a broadband calibration is performed (using a lowband module), Option 001 specifications are achieved.