

85133D Semi-Rigid Cable Set, 2.4 mm



Achieve phase stability with these 53-cm cables when a DUT is connected between cable ends

Highlights

- One 2.4 mm (f) to 2.4 mm (m), 53 cm, 21 inches, p/n 85133-60001
- One 2.4 mm (f) to 2.4 mm (f), 53 cm, 21 inches, p/n 85133-60002

The Keysight 85133D is a 53 cm (21 in) long¹ semi-rigid cable set composed of a 2.4 mm female² to PSC-2.4 mm female connector and a 2.4 mm female² to 2.4 mm male connector. Cable frequency range is dc to 50 GHz with a return loss of 15 dB or better. Insertion loss is $0.55 \cdot \sqrt{f} + 0.2$, where f is frequency in GHz, for the test port connector and 3.7 dB at maximum frequency for the device connector. Phase stability of semi-rigid/flexible cables is specified with a 90 degree bend using a 4 to 3 inch radius. Stability¹ of the Keysight 85133D is less than 0.06 dB and phase is $0.16 \cdot f$, where f is frequency in GHz.

¹ Cable length and stability are supplemental characteristics.

² Special rugged female connector is designed specifically for connecting to the network analyzer test port, but does not mate with a standard male connector.