

KEYSIGHT TECHNOLOGIES (AGILENT HP)

85133E

The Keysight 85133E is a 97 cm (38 in) long, high-performance single flexible coaxial cable designed for precise vector network analyzer measurements. Operating from DC to 50 GHz, it features an NMD 2.4 mm female connector on the analyzer end and a standard 2.4 mm male connector on the device-under-test end, offering exceptional phase and amplitude stability under flexure.

SPECIFICATIONS

Electrical Specifications

Frequency Range	DC to 50 GHz
Characteristic Impedance	50 Ω
SWR (Max)	1.40:1
Insertion Loss (Max at 50 GHz)	3.2 dB
Phase Stability vs Flexure	< 8.0° (with a 7.6 cm / 3 in radius 180° bend at 50 GHz)
Amplitude Stability vs Flexure	< 0.15 dB (with a 7.6 cm / 3 in radius 180° bend at 50 GHz)

Mechanical & Structural Specifications

Cable Length	97 cm (38 in)
Cable Type	Flexible

Connector Specifications

Connector A Type	NMD 2.4 mm (female)
Connector B Type	2.4 mm (male)

Performance

Electrical Delay	approx. 4.3 ns
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TECHNOLOGY

Coaxial RF & Microwave Test Cable

APPLICATIONS

Vector Network Analyzer (VNA) Port Extension and Calibration

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.