

KEYSIGHT TECHNOLOGIES (AGILENT HP)

85131F

The Keysight 85131F is a high-performance 3.5 mm flexible cable set designed for vector network analyzer measurements. This matched pair of flexible cables operates from DC to 26.5 GHz, providing exceptional phase and amplitude stability during flexure. It is widely used in precision RF and microwave test setups to connect the analyzer test port to the device under test (DUT) with minimal insertion loss and reflection.

SPECIFICATIONS

Electrical Performance

Frequency Range	DC to 26.5 GHz
Nominal Impedance	50 Ω

Mechanical & Physical

Cable Construction Type	Flexible
Number of Cables in Set	2
Cable 1 Connectors	3.5 mm (f) to 3.5 mm (m)
Cable 2 Connectors	3.5 mm (f) to slotless 3.5 mm (f)
Nominal Cable Length	62.2 cm (24.5 in)
Recommended Coupling Torque	90 N-cm (8 lb-in)
Connector Hex Size	5/16 inch (8 mm) for DUT side

TECHNOLOGY

Coaxial Transmission Line

APPLICATIONS

Vector Network Analyzer (VNA) Test Port Interconnect

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