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PE310-KIT VNA Test Cable Set with Interchangeable Connector Head

Product Features

- VNA Test Applications.
- 26.5 GHz.
- End A: 3.5mm NMD Connector.
- End B: Interchangeable Connector Head.
- A pair of Test Cables with Set.

Description

Microwave test cables for test equipment with 3.5mm NMD connector ports. The highly flexible test cables have excellent electrical characteristics with outstanding phase and amplitude stability. The unique interchangeable connector head can be configured for DUT applications that require Precision 7mm (PC-7), N, 3.5mm, SMA² or 2.92mm² connectors.



Specifications ⁽¹⁾

| Parameter | Units | Value | Description |
|-----------------------|---------|-----------------|-----------------------------------|
| Impedance | ohms | 50Ω | |
| Frequency | GHz | 26.5 | Operates from DC to 26.5 GHz |
| Insertion Loss | dB | <1.5 | At 26.5 GHz |
| Amplitude Stability | dB | <0.05 | At 26.5 GHz |
| Phase stability | degree | ≤3.0° | At 26.5 GHz, after 90°degree bend |
| Return Loss | dB | >20dB | At 26.5 GHz |
| Return Loss Stability | dB | >40 dB | At 26.5 GHz |
| Cable Length | cm | 60 | |
| Minimum bend radius | mm | 25 | |
| Connector A | | 3.5mm NMD | VNA compatible |
| Connector B | | Interchangeable | |
| Operating Temperature | Celsius | -40° to +85° | |

Ordering Information ⁽¹⁾

| Part Number | Description |
|-------------|--|
| PE310-KIT | VNA Test Cable Set in a protective wood box. Two VNA cables in set. Must Order companion Connector for each cable. |
| PE44484 | One Precision 7mm (PC-7) Connector for PE310-KIT VNA Test Cable |
| PE44485 | One N Male Connector for PE310-KIT VNA Test Cable |
| PE44486 | One N Female Connector for PE310-KIT VNA Test Cable |
| PE44487 | One 3.5mm Male Connector for PE310-KIT VNA Test Cable |
| PE44488 | One 3.5mm Female Connector for PE310-KIT VNA Test Cable |

(1) Pasternack reserves the right to change specifications or information without notice.

(2) Measurement utilizing 3.5mm interchangeable connector to 26.5 GHz.