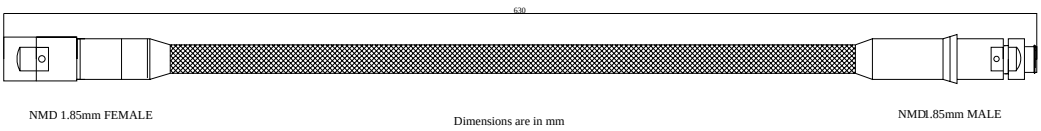
Flexi RF
Reliable RF Components In Stock

# Datasheet

## P/N: VNA-ND185FNMD185M-XXX

**1.85mm NMD Female to 1.85mm NMD Male Cable Assembly | Precision Flexible VNA Test Cable | With Armor | DC - 67GHz**






## Connectors Configuration

| | Connector 1 | Connector 2 |
|---|---|---|
| Connector Series | 1.85mm NMD | 1.85mm NMD |
| Connector Polarity | Standard | Standard |
| Connector Gender | Female | Male |
| Connector Impedance (Ohm) | 50 | 50 |
| Connector Body Style | Straight | Straight |
| Connector Body Material | Stainless Steel | Stainless Steel |
| Connector Body Plating | Passivated | Passivated |

## Cable Configuration

| | |
|---|---|
| Cable Impedance (Ohm) | 50 |
| Cable Diameter (mm) | 15.2 |
| Minimum Bend Radius (mm) | 50 |
| Shielding Effectiveness | >100dB to 18GHz |


**Flexi RF Inc**
(650)880-9199
20195 Stevens Creek Blvd, Suite 220, Cupertino, CA 95014
sales@flexirf.com
www.flexirf.com

## Electrical Data

| Electrical Specifications for Different Length | | | | |
|---|---|---|---|---|
| Length (mm) | Length Tolerance (mm) | Frequency | VSWR / Return Loss | Insertion Loss ≤ (dB) |
| 1000 | ±10 | DC-67GHz | 1.5 to 67GHz | 7.51 |
| 630 | ±5 | | | 5.34 |

## Enviromental Specifications

| | |
|---|---|
| RoHS Compliant | Yes |
| Operating Temperature Range | 0 ºC to +40 ºC |
| MIL/STD | N/A |

## Revision History

| Version | Description | Prepared By | Approved By | Date |
|---|---|---|---|---|