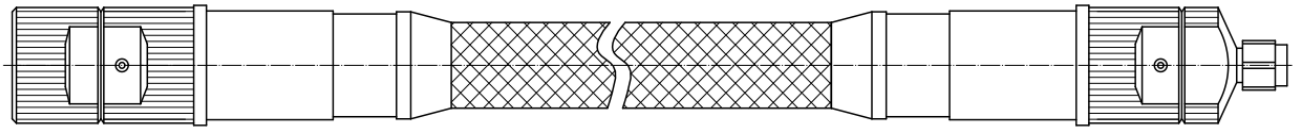
FSVN67

67GHz, 50 Ohm, 15.2mm OD, PET Protection Braid, Flexible VNA Test Cable.



Electrical Specifications			
1	Operating Frequency	DC-67 GHz	
2	Nominal Impedance	50 Ω	
3	VSWR	≤1.30:1	
4	Velocity of Propagation	76%	
5	Shielding Effectiveness	≥90 dB	
6	Dielectric Withstanding Voltage	1000 Vrms	
7	Phase Stability vs. Flexure	≤ ±7°@ 67 GHz	
8	Amplitude Stability vs. Flexure	≤ ±0.08 dB@ 67 GHz	
Mechanical Specifications			
1	Outer Braid	Polyester (PET)	
2	Cable Assembly Outer Diameter	15.2 mm (0.60 in)	
3	Dynamic Bend Radius	150 mm (5.91 in)	
4	Connectors	1.85mm (Standard or NMD Optional)	
5	Standard Lengths	Length	Typical Insertion Loss
		0.61m	4.6 dB @ 67 GHz
		0.91m	6.5 dB @ 67 GHz
Environmental Specifications			
1	Operating Temperature Range	-55 °C to +105 °C	

Cable Assemblies Naming Rule:

PN: Cable-Conn.1-Conn.2-Length(m)

Add prefix “ND” to the standard connector code for an NMD configuration.

- VM→Standard 1.85mm male
- VF→Standard 1.85mm female
- NDVM→NMD-type 1.85mm male
- NDVF→NMD-type 1.85mm female

Example:

FSVN67- NDVM-VF -1 means an FSVN67 cable assembly, with an NMD-type 1.85mm male to standard 1.85mm female and a length of 1 meter.