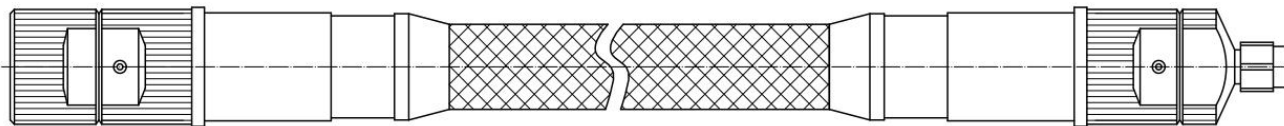


FSVN50

50GHz, 50 Ohm, $\Phi 15.2\text{mm}$, NMD Connector, PET Protection Braid



Electrical Specifications		
1	Operating Frequency	50GHz
2	Impedance	50Ω
3	VSWR	1.30:1 max.
4	Velocity of Propagation	76%
5	Shielding Effectiveness	≥90 dB
6	Dielectric Withstanding Voltage	1kV(RMS)
7	Phase Change VS Bending	≤ ±7°@50GHz
8	Amp. Change VS Bending	≤ ±0.05dB@50GHz
Mechanical Specifications		
1	Outer Braid	Polyester-PET
2	Cable Assembly Outer Diameter	15.2 mm (0.6")
3	Dynamic Bending Radius	150 mm (5.9")
4	Connector	2.4mm (Standard or NMD Optional)
5	Standard Lengths	0.61m (Insertion Loss: 2.8dB typ.)
		0.91m (Insertion Loss: 3.8dB typ.)
Environmental Specifications		
1	Temperature	-55°C~+105 °C

Cable Assemblies Naming Rule:

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

To indicate an NMD-type connector, add the prefix “ND” before the standard connector name.

- 2.4mm(m)→Standard 2.4mm male
- 2.4mm(f)→Standard 2.4mm female
- ND2M→NMD-type 2.4mm male
- ND2F→NMD-type 2.4mm female

Example:

FSVN50-ND2M-2F-1 means an FSVN50 cable (DC–50GHz), with an NMD-type 2.4mm male to standard 2.4mm female, length 1 meter.