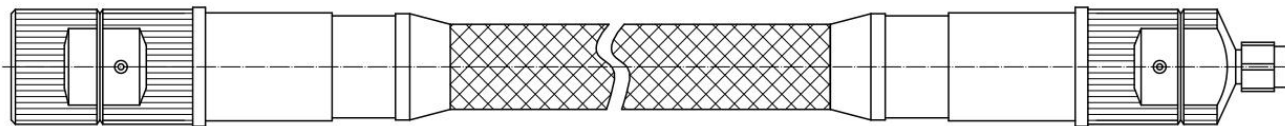


FSVN40

40GHz, 50 Ohm, $\Phi 15.2\text{mm}$, NMD Connector, PET Protection Braid



Electrical Specifications		
1	Operating Frequency	40GHz
2	Impedance	50Ω
3	VSWR	1.30:1 max.
4	Velocity of Propagation	83%
5	Shielding Effectiveness	≥90dB
6	Dielectric Withstanding Voltage	1 kV(RMS)
7	Phase Change VS Bending	≤ ±4°@40GHz
8	Amp. Change VS Bending	≤ ±0.04dB@40GHz
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	2.92mm (Standard or NMD Optional)
5	Standard Lengths	0.61m (Insertion Loss: 2.0dB typ.)
		0.91m (Insertion Loss: 2.8dB 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.

- 2.92mm(m)→Standard 2.92mm male
- 2.92mm(f)→Standard 2.92mm female
- NDKM→NMD-type 2.92mm male
- NDKF→NMD-type 2.92mm female

Example:

FSVN40-NDKM-KF-1 means an FSVN40 cable (DC–40GHz), with an NMD-type 2.92mm male to standard 2.92mm female, length 1 meter.