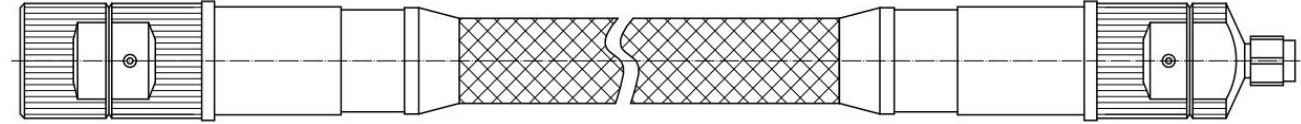


FSVN110

110GHz, 50 Ohm, $\Phi 8\text{mm}$, NMD Connector, PET Protection Braid



Electrical Specifications		
1	Operating Frequency	110GHz
2	Impedance	50Ω
3	VSWR	1.40:1 max.
4	Velocity of Propagation	76%
5	Shielding Effectiveness	≥90dB
6	Dielectric Withstanding Voltage	300V(RMS)
7	Phase Change VS Bending	≤ ±9.0°@110GHz
8	Amp. Change VS Bending	≤ ±0.15dB@110GHz
Mechanical Specifications		
1	Outer Braid	Polyester-PET
2	Cable Assembly Outer Diameter	8 mm (0.31")
3	Dynamic Bending Radius	75 mm (2.95")
4	Connector	1.0mm (Standard or NMD Optional)
5	Standard Lengths	0.61m (Insertion Loss: 9.2dB typ.)
		0.91m (Insertion Loss: 13.2dB 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.

- 1.0mm(m)→Standard 1.0mm male
- 1.0mm(f)→Standard 1.0mm female
- ND1M→NMD-type 1.0mm male
- ND1F→NMD-type 1.0mm female

Example:

FSVN110-ND1M-1F-1 means an FSVN110 cable (DC–110GHz), with an NMD-type 1.0mm male to standard 1.0mm female, length 1 meter.