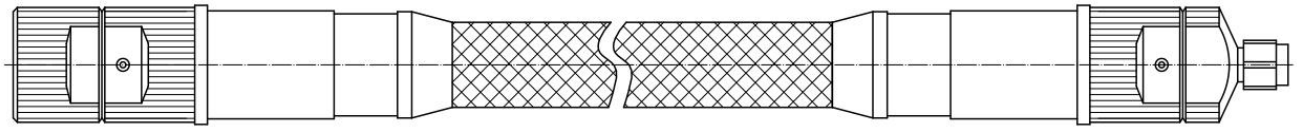
FSVN18

18GHz, 50 Ohm, Φ15.2mm, NMD Connector, PET Protection Braid



Electrical Specifications		
1	Operating Frequency	18GHz
2	Impedance	50Ω
3	VSWR	1.25:1 max.
4	Velocity of Propagation	76%
5	Shielding Effectiveness	≥90dB
6	Dielectric Withstanding Voltage	2kV(RMS)
7	Phase Change VS Bending	≤ ±2.4°@18GHz
8	Amp. Change VS Bending	≤ ±0.03dB@18GHz
Mechanical Specifications		
1	Outer Braid	Polyester-PET
2	Cable Assembly Outer Diameter	15.2mm (0.6")
3	Dynamic Bending Radius	150mm (5.9")
4	Connector	N-type (Standard or NMD Optional)
5	Standard Lengths	0.61m (Insertion Loss: 1.2dB typ.)
		0.91m (Insertion Loss: 1.6dB 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.

- N(m)→Standard N male
- N(f)→Standard N female
- NDNM→NMD-type N male
- NDNF→NMD-type N female

Example:

FSVN18-NDNM-NF-1 means an FSVN18 cable (DC–18GHz), with an NMD-type N male to standard N female, length 1 meter.