



VF CONNECTOR DATASHEET

AO-SMAF-NM

SECTRON company offers a wide portfolio of high-quality handmade cable adaptors in various versions for M2M applications. Coaxial RF cable connectors are an important part of quality cable adaptors. SECTRON product portfolio includes brand connectors suitable for frequencies up to 6 GHz.



BENEFITS

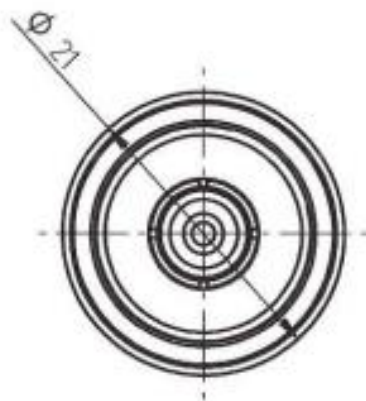
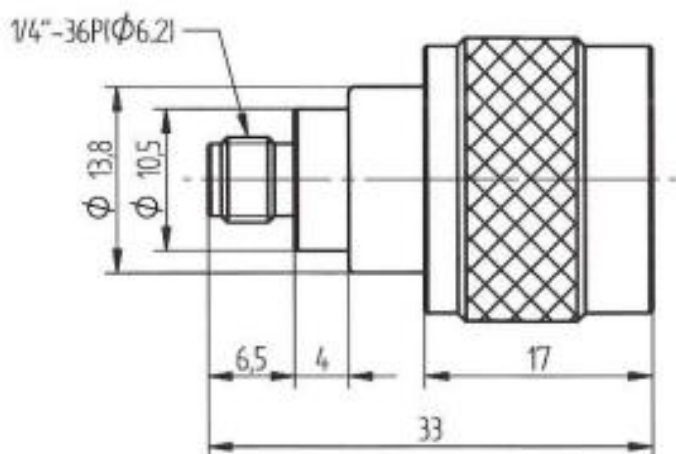
- Low insertion loss
- Low VSWR
- High frequency range

FEATURES

AO-SMAF-NM

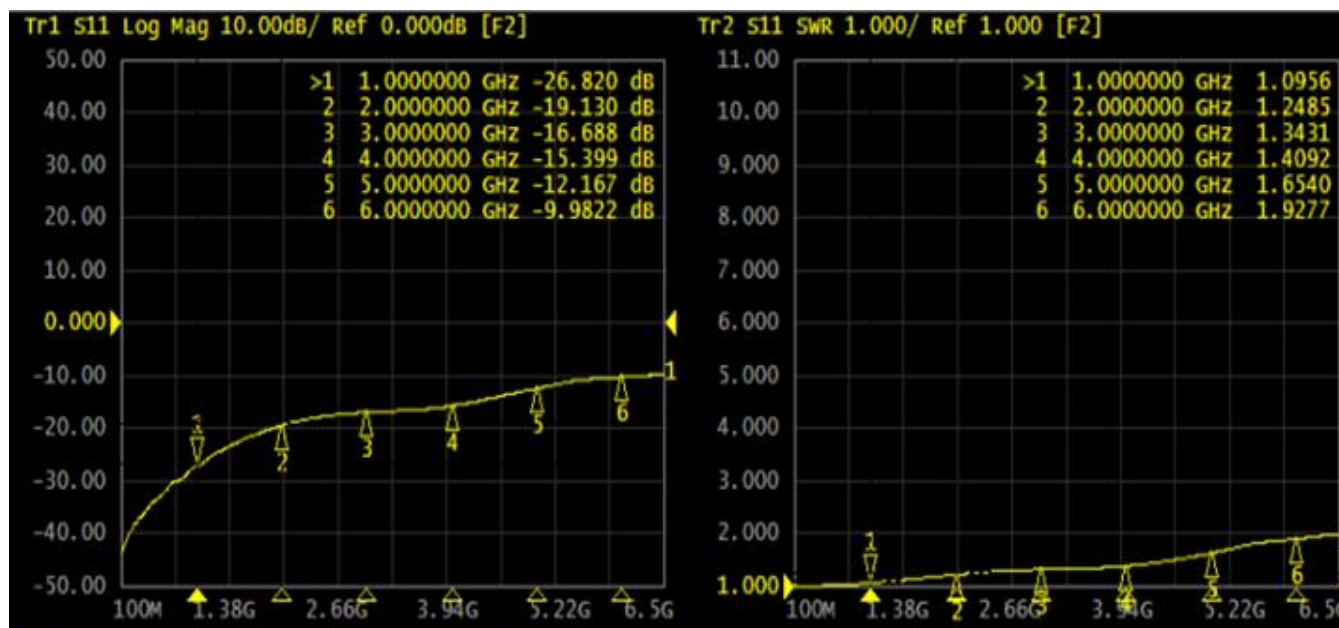
Impedance	50 Ohm
Frequency range	0–4 GHz/ 4–6 GHz
VSWR	< 1.5:1/ < 2.0:1
Type	N(m) TO SMA(f) Connector
Voltage rating	1000V
Contact resistance	Center: 6.0M max/ Outer: 2.0M max
Insulation resistance	5000M min
Operating temperature	-65 to +165 °C
Certification	RoHS, ISO 9001, ISO 14001

DRAWING

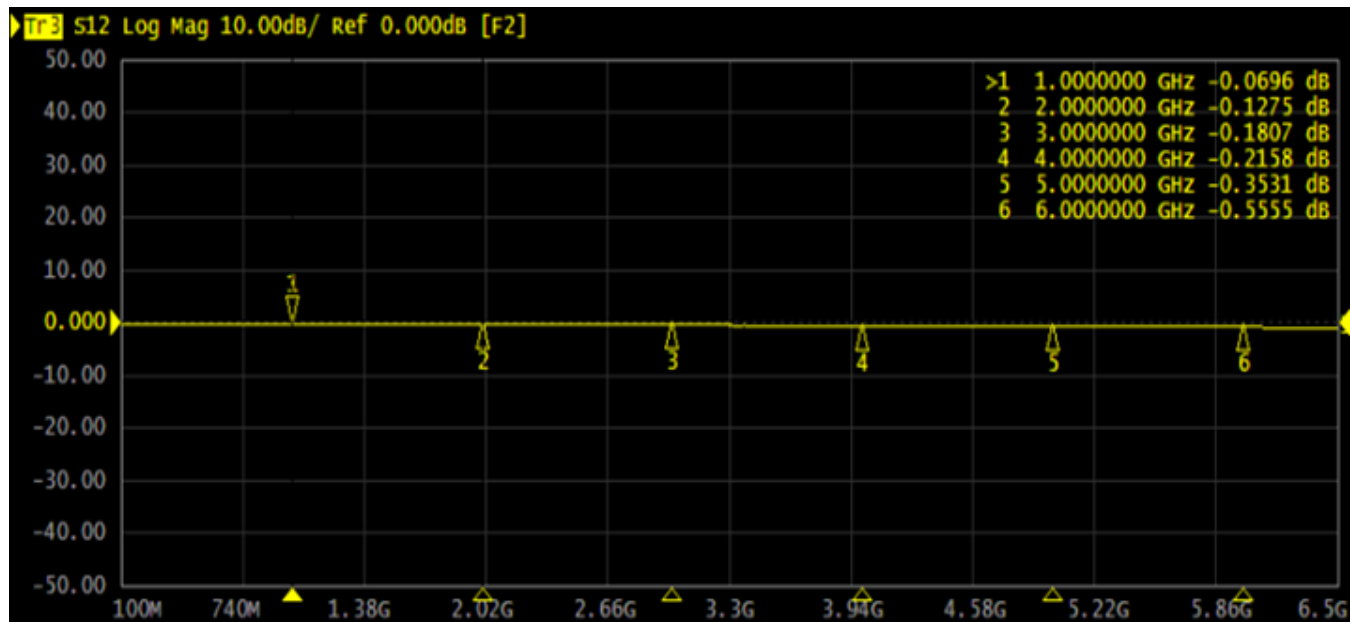


UNIT: mm

Return Loss [dB] & VSWR [50Ω]



Insertion Loss [dB]



TEST RESULTS

Frequency (MHz)	Return Loss (dB)	VSWR	Insertion Loss (dB)
1000	-26.82	1.09	-0.06
2000	-19.13	1.24	-0.12
3000	-16.68	1.34	-0.18
4000	-15.39	1.40	-0.21
5000	-12.16	1.65	-0.35
6000	-9.98	1.92	-0.55

CONTACTS

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