

Coaxial Adapter, N-MALE to SMA-M

NM-SM50+ NM-SM50

50Ω

DC to 18 GHz



CASE STYLE: DJ824

Maximum Ratings

| | |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature | -55°C to 100°C |

Features

- flat response
- excellent VSWR
- passivated stainless steel
- low cost adapters, available from stock

| Connectors | Model | Price | Qty. |
|-----------------|----------------|------------|--------------------|
| Conn1 N-MALE | Conn2 SMA-M | NM-SM50(+) | \$22.95 ea. (1-49) |

Applications

- interconnection of RF cables and equipment

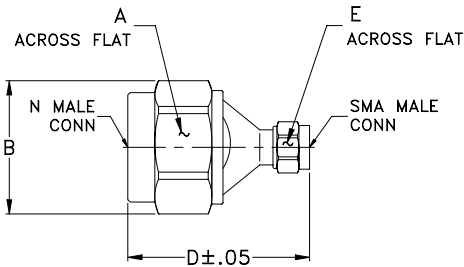
+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Electrical Specifications $T_{AMB}=25^{\circ}C$

| FREQUENCY (GHz) | INSERTION LOSS (dB) | VSWR (:1) Max. | | |
|-----------------|---------------------|----------------|-------------|-----------|
| | | DC-8 GHz | DC-12.4 GHz | DC-18 GHz |
| f_L-f_U | Typ. | | | |
| DC-18 | 0.15 | 1.15 | 1.20 | 1.30 |

Outline Drawing

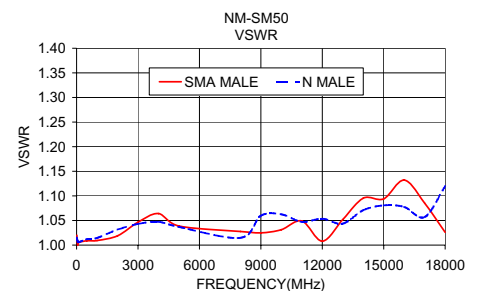
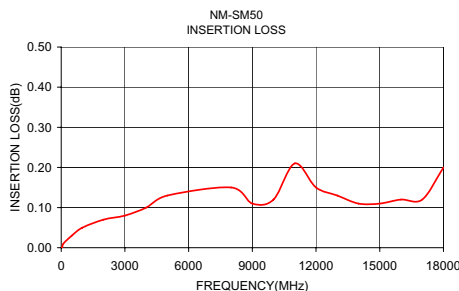


Outline Dimensions (inch/mm)

| B | D | wt |
|-------|-------|-------|
| .61 | 1.69 | grams |
| 15.49 | 42.93 | 24.0 |

Typical Performance Data

| Frequency (MHz) | Insertion Loss (dB) | VSWR (:1) | |
|-----------------|---------------------|-----------|-------|
| | | N-MALE | SMA-M |
| 10.00 | 0.00 | 1.02 | 1.02 |
| 50.00 | 0.00 | 1.01 | 1.00 |
| 100.00 | 0.01 | 1.01 | 1.01 |
| 500.00 | 0.03 | 1.01 | 1.01 |
| 1000.00 | 0.05 | 1.01 | 1.01 |
| 2000.00 | 0.07 | 1.03 | 1.02 |
| 3000.00 | 0.08 | 1.04 | 1.05 |
| 4000.00 | 0.10 | 1.05 | 1.06 |
| 5000.00 | 0.13 | 1.04 | 1.04 |
| 8000.00 | 0.15 | 1.01 | 1.03 |
| 9000.00 | 0.11 | 1.06 | 1.02 |
| 10000.00 | 0.12 | 1.06 | 1.03 |
| 11000.00 | 0.21 | 1.05 | 1.05 |
| 12000.00 | 0.15 | 1.05 | 1.01 |
| 13000.00 | 0.13 | 1.04 | 1.05 |
| 14000.00 | 0.11 | 1.07 | 1.10 |
| 15000.00 | 0.11 | 1.08 | 1.09 |
| 16000.00 | 0.12 | 1.08 | 1.13 |
| 17000.00 | 0.12 | 1.06 | 1.09 |
| 18000.00 | 0.20 | 1.12 | 1.03 |



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RF/IF MICROWAVE COMPONENTS

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