

2260B-2-S

Type N Female to 7/8 in EIA Flange Adapter

Product Classification

Product Type Adapter

General Specifications

Body Style Straight
Inner Contact Plating Silver
Interface 7/8 in EIA Flange
Interface 2 N Female
Mounting Angle Straight
Outer Contact Plating Copper alloy treatment
Pressurizable No

Dimensions

Length 79.5 mm | 3.13 in
Diameter 56.93 mm | 2.241 in

Electrical Specifications

Average Power at Frequency 300.0 W @ 900 MHz
Connector Impedance 50 ohm
dc Test Voltage 2000 V
Inner Contact Resistance, maximum 5 mOhm
Insulation Resistance, minimum 5000 MOhm
Operating Frequency Band 0 – 3000 MHz
Outer Contact Resistance, maximum 5 mOhm

VSWR/Return Loss

| Frequency Band | VSWR | Return Loss (dB) |
|----------------|------|------------------|
| 0–1500 MHz | 1.2 | 20.83 |
| 1500–3000 MHz | 1.35 | 16.54 |

Mechanical Specifications

Insertion Force 28 N | 6.295 lbf

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| | |
|-------------------------------------|--------------------|
| Insertion Force Method | IEC 61169-16:9.3.5 |
| Interface Durability | 500 cycles |
| Interface Durability Method | IEC 61169-12:9.5 |
| Mechanical Shock Test Method | IEC 60068-2-27 |

Environmental Specifications

| | |
|---|---------------------------------------|
| Operating Temperature | -55 °C to +85 °C (-67 °F to +185 °F) |
| Storage Temperature | -65 °C to +125 °C (-85 °F to +257 °F) |
| Attenuation, Ambient Temperature | 20 °C 68 °F |
| Average Power, Ambient Temperature | 40 °C 104 °F |
| Average Power, Inner Conductor Temperature | 100 °C 212 °F |
| Climatic Sequence Test Method | IEC 60068-1 |
| Corrosion Test Method | IEC 60068-2-11 |
| Damp Heat Steady State Test Method | IEC 60068-2-3 |
| Thermal Shock Test Method | IEC 60068-2-14 |
| Vibration Test Method | IEC 60068-2-6 |

Packaging and Weights

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|--------------------|-----------------|
| Weight, net | 453.59 g 1 lb |
|--------------------|-----------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

