7/16(DIN) Female to 4.1/9.5(MINI DIN) Male RF Adapter



Telecommunication Technology & Engineering Accessories

Rev.V1.3

Specifications of 7/16(DIN) Female to 4.1/9.5(MINI DIN) Male RF Adapter:

Mechanical Characteristics:

| Model | | 7/16(DIN)/F-41MD/M | |
|--------------------------------|-----------------|-------------------------------|--|
| Frequency Range | | 0~6GHz | |
| Contact Resistance | Inner Conductor | ≤0.4 mΩ | |
| | Outer Conductor | ≤1.5 mΩ | |
| Insulation Resistance | | ≥5000 MΩ | |
| Withstanding Voltage AC(V/min) | | ≥3000V | |
| VSWR | | ≤1.08(0~3GHz), ≤1.20(0~6GHz) | |
| PIM (2X43dBm) | | <-165dBc (<-168dBc Typical) | |
| Insertion Loss | | ≤0.1dB | |
| Impedance | | 50Ω | |
| Durability | | 500 Cycles | |

When results tested by different analyzers are different should adopt the HP testing device as criteria.

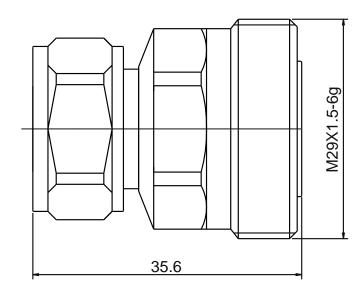
Working environment: Working temperature: $-55 \sim +155^{\circ}$, Relative moisture: $90\% \sim 95\%$ (Temperature: $40\pm 2^{\circ}$ C)

Atmospheric pressure: (70~106)Kpa.

Material & Plating:

| Name of Part | Material | Plating | Thickness of Plating |
|----------------|-----------------|--------------------------------|----------------------|
| Shell | Brass (HPb59-1) | Ternary Alloy or Silver Plated | 2μ |
| Out conductor | Brass (HPb59-1) | Ternary Alloy or Silver Plated | 2μ |
| Connecting nut | Brass (HPb59-1) | Ternary Alloy or Nickel Plated | 2μ |
| Sealing | Silicone Rubber | | |
| Probe | Brass (HPb59-1) | Silver Plated | 3μ |
| Insulator | PTEF (SFX-1) | | |

Product Dimensions:



All snecifications are subject to change without notice.

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