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

Telecommunication Technology & Engineering Accessories

Rev.V1.3

Tone Spread

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

Mechanical Characteristics:

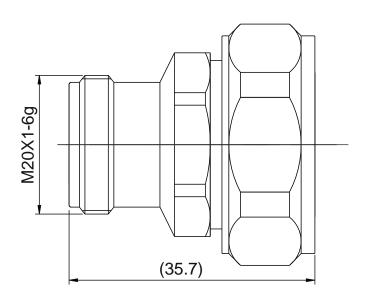
| Model                          |                 | 7/16(DIN)/M-41MD/F            |  |
|--------------------------------|-----------------|-------------------------------|--|
| Frequency Range                |                 | 0~6GHz                        |  |
| Contact Resistance             | Inner 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: ( $70\sim 106$ ) 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:



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