

DATASHEET

2P92(F) to 3P5(F) NMD Adapter

Product Name

1. 2P92FNM-3P5F-001





2P92(F) to 3P5(F) NMD Adapter

Document No.	CRD-DS-2306-05
Date / Rev.	07.Feb.2023 / 0
Confidential level	N/A

1. Product

1-1. 2P92(F) to 3P5(F) NMD Adapter

(P/N : 2P92FNM-3P5F-001)

2. Specifications

2-1. 2P92(F) to 3P5(F) NMD Adapter

(P/N : 2P92FNM-3P5F-001)

2-1-1. Material

Body : STS303, Passivated

Center Conductor : BeCu, Au Plated

Coupling Nut : STS303, Passivated

2-1-2 Environmental

Operating Temperature: -55°C to +110°C

2-1-2. Electrical

Frequency Range : DC to 26.5GHz

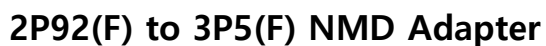
Impedance : 50Ω Nominal

VSWR : 1.15 Max.

Insertion Loss : $-0.05 \times \sqrt{f}$ [f:Frequency]

Insulation Resistance : 5 GΩ Min.

RF Leakage : -100dB



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3. Drawing

3-1. 2P92(F) to 3P5(F) NMD Adapter

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Top View: Circular flange with a central hole. Dimension: 8.90 HEX. 18.90 HEX.

Side View: Shows the profile of the adapter. Dimensions: 29.57 (total height), 11/16-24 UNEF-2B (thread), 1/4-36 UNS-2A (thread).

Bottom View: Circular base with a central hole. Dimension: 8.90 HEX. 18.90 HEX.

Specifications:

- 1. Electrical
 - 1.1 Frequency Range : DC~26.5GHz
 - 1.2 Impedance : 50Ω Nominal
 - 1.3 VSWR : 1.15 Max.
 - 1.4 Insertion Loss : -0.05 x √f [f:Frequency(GHz)]
 - 1.5 Insulation Resistance : 5 GΩ Min.
 - 1.6 RF Leakage : -100dB
- 2. Mechanical
 - 2.1 Durability : 500 Cycles
 - 2.2 Temperature Range : -55℃ ~ +110℃
- 3. Environmental
 - 3.1 Temperature Range : -55℃ ~ +110℃
- 4. MATERIALS(Connector)
 - 4.1 Body STS303F, ASTM A582/582M, Passivated
 - 4.2 Center Conductor BeCu(C1730B), ASTM B196B/196M, Au Plated
 - 4.3 Coupling Nut STS303F, ASTM A582/582M, Passivated



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4. Data

4-1. 2P92(F) to 3P5(F) NMD Adapter(P/N : 2P92FNM-3P5F-001)

