

N Female Straight Connector

for 7/8" feeder cable



Rosenberger compatible Part Number:

53K1C7-CX5N1

Information:

The 7/8 N Female Straight Connector is superior performance for both return loss and intermodulation distortion. The connector is designed, manufactured and/or distributed under this quality management system (ISO9001 & ISO14001). Quality of the product is tested according to IEC and MIL Standards.

Other Details

- Very robust, extremely stable and with waterproof specifications
- Low IMD and low VSWR provides improved system performance
- Excellent mechanical and environmental properties
- Excellent electrical conductivity
- Compliant RoHS

Technical Specification

Item

DATA

Connector

N female

Connector Description

N Straight female Connector for 7/8" Low Loss Cable

Material and Plating

Center Contact

Silver, 3-6 μm

Outer contact

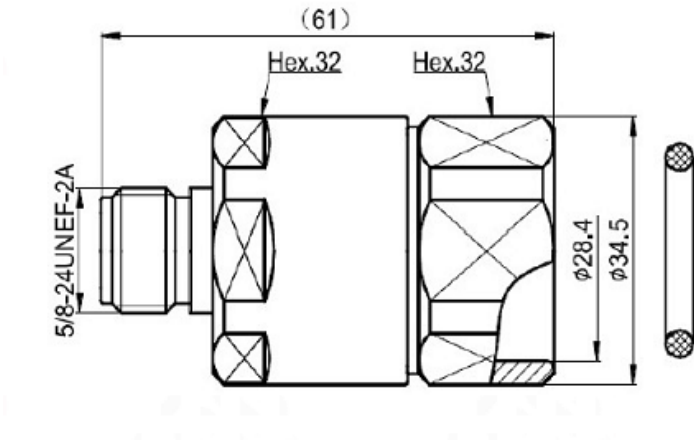
tri-metal

Fastener

Brass/Ni3

Dielectric

PTFE



Electrical Characteristics

Characteristics	Impedance	50 Ω
Dielectric Resistance		≥5000MΩ
Center Contact Resistance		≤1.0 mΩ
Insertion Loss		≤0.12 dB (@2200MHz)

VSWR	@0-2.2 GHz: ≤1.10 @0-3 GHz:≤1.15
PIM (900MHz, 1800MHz 2x20W)	≤-160dBc

Environmental and Mechanical Specifications

Mating cycles	≥500 times
Termination cable retention	≥720N
Temperature Range	-40~+165
Environmental standards	RoHS





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