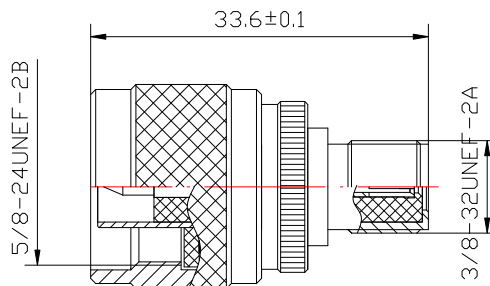


# N-Male to F-Female Adapter

by WAVEFORM

SKU: ADT-NM-FF



## Main Features:

- N-Male to F-Female Adapter
- 0-3000 MHz
- 50  $\Omega$  N-Type / 75  $\Omega$  F-Type
- VSWR  $\leq$  1.25

## Specifications:

### Electrical:

Input Impedance	50 $\Omega$ (N-Type) 75 $\Omega$ (F-Type)
Frequency Range	0 - 3000 MHz
VSWR	$\leq$ 1.15 (Straight) $\leq$ 1.25 (Right Angle)
Voltage (Withstand)	500 V rms
Power (Average)	3 kW
Insertion Loss	< 0.5 dB @ 6000 MHz
N-Type Contact Resistance	$\leq$ 1 m $\Omega$ (center) $\leq$ 1 m $\Omega$ (outer)
F-Type Contact Resistance	$\leq$ 10 m $\Omega$ (center) $\leq$ 5 m $\Omega$ (outer)
Insulation Resistance	$\geq$ 5000 M $\Omega$

### Mechanical:

Connector Angle	Straight
Connector A Type	N-Male
Connector A Diameter	20.3 mm
Connector B Type	F-Female
Connector B Diameter	10 mm
Length	33.6 mm
Net Weight	45 g

### Components:

Description	Material	Plating
Body	Brass	Nickel
Resilient Contact	Beryllium Copper	Gold
Socket Contact	Beryllium / Tin Bronze	Gold
Crimping Suite	Copper Alloy	Nickel
Inner Conductor	Brass	Gold
Gasket	Silicone Rubber	
Dielectric	PTFE	

### Environmental:

Operating Temp.	-40 to +60 deg C
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