

NMD Test Port Adapters

The NMD test port connector is a ruggedized test port connector used for stable connection to VNA or any NMD style test port. These adapters can provide connection between or adapt to cable assemblies and devices. The rugged construction makes the connection very stable and repeatable.

Applications:

Connect, adapt and protect VNA test port

Connect, adapt and protect VNA test assemblies or any other NMD style test port

Our NMD Test Port Adapters are classified into the following categories.

- **NMD-E Series NMD3.5mm Test Port Adapter**
- **NMD-D Series NMD2.92mm Test Port Adapter**
- **NMD-C Series NMD2.4mm Test Port Adapter**
- **NMD-B Series NMD1.85mm Test Port Adapter**



NMD3.5mm Test Port Adapters

Materials

Body stainless steel, passivated
 Center Conductor Ag-plated Beryllium Copper



Environment

Storage Temperature -55°C~+125°C, Operating Temperature 0°C~85°C

Mating cycles

>2000 times

P/N	NMD-ENF-ENM	
Description	NMD3.5mm(f) to NMD3.5mm(m)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.23dB	
P/N	NMD-ENF-EF	
Description	NMD3.5mm(f) to 3.5mm(f)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.23dB	
P/N	NMD-ENF-NM	
Description	NMD3.5mm(f) to N(m)	
Frequency	DC~18GHz	
VSWR	<1.15:1	
IL	<0.19dB	
P/N	NMD-ENF-NF	
Description	NMD3.5mm(f) to N(f)	
Frequency	DC~18GHz	
VSWR	<1.15:1	
IL	<0.19dB	

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NMD2.92mm Test Port Adapters

Materials

Housing Stainless Steel SUS303F Passivated
 Center Contact Ag-plated Beryllium Copper



Environment

Storage Temperature -55°C~+125°C, Operating Temperature 0°C~85°C

Mating cycles

>2000 times

P/N	NMD-DNF-DM	
Description	NMD2.92mm(f) to NMD3.5mm(m)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.25dB	
P/N	NMD-DNF-EF	
Description	NMD2.92mm(f) to 3.5mm(f)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.25dB	

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NMD2.4mm Test Port Adapters



Materials

Housing Stainless Steel SUS303F Passivated

Center Contact Ag-plated Beryllium Copper

Environment

Storage Temperature -55°C~+125°C, Operating Temperature 0°C~85°C

Mating cycles

>2000 times

P/N	NMD-CNF-CNM	
Description	NMD2.4mm(f) to NMD2.4mm(m)	
Frequency	DC~50GHz	
VSWR	<1.25:1	
IL	<0.40dB	
P/N	NMD-CNF-CF	
Description	NMD2.4mm(f) to 2.4mm(f)	
Frequency	DC~50GHz	
VSWR	<1.25:1	
IL	<0.40dB	
P/N	NMD-CNF-DNM	
Description	NMD2.4mm(f) to NMD2.92mm(m)	
Frequency	DC~40GHz	
VSWR	<1.20:1	
IL	<0.36dB	
P/N	NMD-CNF-DF	
Description	NMD2.4mm(f) to 2.92mm(f)	
Frequency	DC~40GHz	
VSWR	<1.20:1	
IL	<0.36dB	
P/N	NMD-CNF-ENM	
Description	NMD2.4mm(f) to NMD3.5mm(m)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.25dB	
P/N	NMD-CNF-EF	
Description	NMD2.4mm(f) to 3.5mm(f)	
Frequency	DC~26.5GHz	
VSWR	<1.15:1	
IL	<0.25dB	



NMD1.85mm Test Port Adapters

Materials

Housing Stainless Steel SUS303F Passivated
 Center Contact Ag-plated Beryllium Copper



Environment

Storage Temperature -55°C~+125°C, Operating Temperature 0°C~85°C

Mating cycles

>2000 times

P/N	NMD-BNF-BNM	
Description	NMD1.85mm(f) to NMD1.85mm(m)	
Frequency	DC~67GHz	
VSWR	<1.35:1	
IL	<0.52dB	
P/N	NMD-BNF-BF	
Description	NMD1.85mm(f) to 1.85mm(f)	
Frequency	DC~67GHz	
VSWR	<1.35:1	
IL	<0.52dB	
P/N	NMD-BNF-CNM	
Description	NMD1.85mm(f) to NMD2.4mm(m)	
Frequency	DC~50GHz	
VSWR	<1.25:1	
IL	<0.44dB	
P/N	NMD-BNF-CF	
Description	NMD1.85mm(f) to 2.4mm(f)	
Frequency	DC~50GHz	
VSWR	<1.25:1	
IL	<0.44dB	

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