

The types of the precision coaxial adapters from ENRICHTEK include straight, flange mount, bulkhead mount and right angle.

We position in test level adapters with precision interface dimension and low VSWR, which provide more precise performance and higher frequency.

The frequency of our precision coaxial adapters is up to 110.



1.1mm Adapters				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
1.1mm Male/Female	1.1mm Male/Female	Straight	DC~110	1.35:1
1.1mm Male/Female	1.85mm Male/Female	Straight	DC~65	1.35:1
1.85mm Adapters				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
1.85mm Male/Female	1.85mm Male/Female	Straight Straight, Bulkhead Mount	DC~65	1.25:1
1.85mm Male/Female	SMPM Male/Female	Straight	DC~65	1.35:1
1.85mm Male/Female	2.4mm Male/Female	Straight	DC~50	1.25:1
1.85mm Male/Female	2.92mm Male/Female	Straight	DC~40	1.20:1
1.85mm Male/Female	3.5mm Male/Female	Straight	DC~26.5	1.15:1
SMPM Adapters				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
SMPM Male/Female	2.4mm Male/Female	Straight	DC~50	1.30:1
SMPM Male/Female	2.92mm Male/Female	Straight	DC~40	1.25:1
SMPM Male/Female	SMA Male/Female	Straight	DC~26.5	1.20:1
2.4mm Adapters				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
2.4mm Male/Female	2.4mm Male/Female	Straight Straight, 4 Hole Flange Mount, Straight, Bulkhead Mount	DC~50	1.20:1

2.4mm Male/Female	2.92mm Male/Female	Straight Straight, 4 Hole Flange Mount	DC~40	1.20:1
2.4mm Male/Female	SMP Male/Female (Full Detent, Limited Detent, Smooth Bore)	Straight	DC~40	1.25:1
2.4mm Male/Female	3.5mm Male/Female	Straight	DC~26.5	1.15:1
2.4mm Male/Female	SSMA Male/Female	Straight	DC~40	1.20:1
2.4mm Male/Female	SMA Male/Female	Straight	DC~26.5	1.15:1
2.4mm Male/Female	N Male/Female	Straight	DC~18	1.15:1

### 2.92mm Adapters

Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
2.92mm Male/Female	2.92mm Male/Female	Straight Straight, 4 Hole Flange Mount Straight, Bulkhead Mount, Right Angle	DC~40	1.20:1
2.92mm Male/Female	SSMA Male/Female	Straight	DC~40	1.20:1
2.92mm Male/Female	SMP Male/Female (Full Detent/ Limited Detent/ Smooth Bore)	Straight	DC~40	1.25:1
2.92mm Male/Female	3.5mm Male/Female	Straight Straight, 4 Hole Flange Mount	DC~26.5	1.15:1
2.92mm Male/Female	SMA Male/Female	Straight	DC~26.5	1.15:1
2.92mm Male/Female	N Male/Female	Straight	DC~18	1.15:1

### SSMA Adapters

Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
SSMA Male/Female	SSMA Male/Female	Straight	DC~40	1.20:1
SSMA Male/Female	SMA Male/Female	Straight	DC~26.5	1.15:1

### SMP Adapters

Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
SMP Male/Female (Full Detent, Limited Detent, Smooth Bore)	SMA Male/Female	Straight	DC~26.5	1.20:1

### 3.5mm Adapters

Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
3.5mm Male/Female	3.5mm Male/Female	Straight Straight, 4 Hole Flange Mount Straight, Bulkhead Mount, Right Angle	DC~26.5	1.20:1
3.5mm Male/Female	SMA Male/Female	Straight	DC~26.5	1.15:1
3.5mm Male/Female	N Male/Female	Straight	DC~18	1.15:1

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3.5mm Male/Female	7mm Sexless	Straight	DC~18	1.15:1
<b>SMA Adapters</b>				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
SMA Male/Female	SMA Male/Female	Straight Straight, 4 Hole Flange Mount, Straight, Bulkhead Mount, Right Angle	DC~26.5	1.15:1
SMA Male/Female	N Male/Female	Straight Straight, 4 Hole Flange Mount, Straight, Bulkhead Mount	DC~18	1.15:1
SMA Male/Female	L16 Male/Female	Straight	DC~18	1.15:1
SMA Male/Female	BMA Male/Female	Straight	DC~18	1.25:1
SMA Male/Female	TNCA Male/Female	Straight Straight, 4 Hole Flange Mount Straight, Bulkhead Mount	DC~18	1.15:1
SMA Male/Female	SSMB Male/Female	Straight	DC~12	1.20:1
SMA Male/Female	SSMC Male/Female	Straight	DC~12	1.20:1
SMA Male/Female	TNC Male/Female	Straight	DC~11	1.15:1
SMA Male/Female	1.0-2.3 Male/Female (Snap-on/ Slide-in))	Straight	DC~10	1.25:1
SMA Male/Female	SMC Male/Female	Straight	DC~10	1.25:1
SMA Male/Female	MCX Male/Female	Straight	DC~6	1.20:1
SMA Male/Female	MMCX Male/Female	Straight	DC~6	1.20:1
SMA Male/Female	SMB Male/Female	Straight	DC~4	1.15:1
SMA Male/Female	BNC Male/Female	Straight	DC~4	1.10:1
<b>Type N Adapters</b>				
Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)
N Male/Female	N Male/Female	Straight Straight, 4 Hole Flange Mount Straight, Bulkhead Mount Right Angle	DC~18	1.15:1
N Male/Female	L16 Male/Female	Straight	DC~18	1.15:1
N Male/Female	7mm Sexless	Straight	DC~18	1.15:1
N Male/Female	TNCA Male/Female	Straight Straight, Bulkhead Mount	DC~18	1.15:1
N Male/Female	TNC Male/Female	Straight	DC~11	1.15:1
N Male/Female	SC Male/Female	Straight	DC~8	1.15:1
N Male/Female	MCX Male/Female	Straight	DC~6	1.20:1
N Male/Female	BNC Male/Female	Straight	DC~4	1.10:1

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<b>L16 Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
L16 Male/Female	L16 Male/Female	Straight	DC~18	1.20:1
L16 Male/Female	TNC Male/Female	Straight	DC~11	1.15:1
L16 Male/Female	TNCA Male/Female	Straight	DC~18	1.25:1
L16 Male/Female	SC Male/Female	Straight	DC~8	1.15:1
L16 Male/Female	BNC Male/Female	Straight	DC~4	1.15:1
<b>7mm Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
7mm Sexless	7mm Sexless	Straight	DC~18	1.15:1
<b>TNCA Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
TNCA Male/Female	TNCA Male/Female	Straight Straight, 4 Hole Flange Mount Straight, Bulkhead Mount	DC~18	1.25:1
<b>TNC Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
TNC Male/Female	TNC Male/Female	Straight	DC~11	1.15:1
<b>SC Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
SC Male/Female	SC Male/Female	Straight	DC~8	1.15:1
<b>MMCX Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
MMCX Male/Female	MMCX Male/Female	Straight	DC~6	1.20:1
<b>BNC Adapters</b>				
<b>Connector 1</b>	<b>Connector 2</b>	<b>Description</b>	<b>Freq. (GHz)</b>	<b>VSWR(max.)</b>
BNC Male/Female	BNC Male/Female	Straight	DC~4	1.15:1



7/16 Low PIM RF Adapters						
P/N	Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)	PIM3 (2*43dBm)
ADP3434B-LP	7/16 Female	7/16 Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3434BF12-LP	7/16 Female	7/16 Female	Straight, 4 Hole Flange Mount	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3434BY-LP	7/16 Female	7/16 Female	Straight, Bulkhead Mount	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3436B-LP	7/16 Female	4.1/9.5 Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3436D-LP	7/16 Female	4.1/9.5 Male	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3465B-LP	7/16 Female	N Female	Straight	DC~7.5	1.25:1	≤ -165dBc@1800MHz
ADP3465BF11-LP	7/16 Female	N Female	Straight, 4 Hole Flange Mount	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3465BY-LP	7/16 Female	N Female	Straight, Bulkhead Mount	DC~7.5	1.20:1	≤ -165dBc@1800MHz
ADP3465D-LP	7/16 Female	N Male	Straight	DC~7.5	1.25:1	≤ -165dBc@1800MHz
ADP3469B-LP	7/16 Female	SMA Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3469D-LP	7/16 Female	SMA Male	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3434C-LP	7/16 Male	7/16 Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3434A-LP	7/16 Male	7/16 Male	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3436C-LP	7/16 Male	4.1/9.5 Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3436A-LP	7/16 Male	4.1/9.5 Male	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3465C-LP	7/16 Male	N Female	Straight	DC~7.5	1.25:1	≤ -165dBc@1800MHz
ADP3465A-LP	7/16 Male	N Male	Straight	DC~7.5	1.25:1	≤ -165dBc@1800MHz
ADP3469C-LP	7/16 Male	SMA Female	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
ADP3469A-LP	7/16 Male	SMA Male	Straight	DC~7.5	1.15:1	≤ -165dBc@1800MHz
4.1/9.5 Low PIM RF Adapters						
P/N	Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)	PIM3 (2*43dBm)
ADP3636B-LP	4.1/9.5 Female	4.1/9.5 Female	Straight	DC~14	1.15:1	≤ -165dBc@1800MHz
ADP3636BY-LP	4.1/9.5 Female	4.1/9.5 Female	Straight, Bulkhead Mount	DC~14	1.15:1	≤ -165dBc@1800MHz
ADP3665B-LP	4.1/9.5 Female	N Female	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz

ADP3665BY-LP	4.1/9.5 Female	N Female	Straight, Bulkhead Mount	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP3665D-LP	4.1/9.5 Female	N Male	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP3636C-LP	4.1/9.5 Male	4.1/9.5 Female	Straight	DC~14	1.15:1	≤ -165dBc@1800MHz
ADP3636A-LP	4.1/9.5 Male	4.1/9.5 Male	Straight	DC~14	1.15:1	≤ -165dBc@1800MHz
ADP3665C-LP	4.1/9.5 Male	N Female	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP3665A-LP	4.1/9.5 Male	N Male	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz
<b>N Low PIM RF Adapters</b>						
P/N	Connector 1	Connector 2	Description	Freq. (GHz)	VSWR(max.)	PIM3 (2*43dBm)
ADP6565B-LP	N Female	N Female	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP6565BF10-LP	N Female	N Female	Straight, 4 Hole Flange Mount	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP6565BY-LP	N Female	N Female	Straight, Bulkhead Mount	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP6565C-LP	N Male	N Female	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz
ADP6565A-LP	N Male	N Male	Straight	DC~12.4	1.15:1	≤ -165dBc@1800MHz



## NMD RF Adapter

The coaxial RF adapters from ENRICHTEK contain both normal connector type and NMD connector type. The NMD RF adapter connects the DUT(device under test) with the VNA.

We position in test level adapters with precision interface dimension and low VSWR. The frequency of our NMD RF adapters is up to 67GHz

Our NMD RF adapters are customizable according to the requirements.



<b>1.85mm NMD RF Adapters</b>				
P/N	Connector 1	Connector 2	Freq. (GHz)	VSWR(max.)
ADP7171B	NMD1.85mm Female	NMD1.85mm Female	DC~67	1.35:1
ADP7171D	NMD1.85mm Female	NMD1.85mm Male	DC~67	1.35:1
ADP7178D	NMD1.85mm Female	NMD2.4mm Male	DC~50	1.25:1
ADP7137D	NMD1.85mm Female	NMD2.92mm Male	DC~40	1.20:1
ADP7161B	NMD1.85mm Female	1.85mm Female	DC~67	1.35:1

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ADP7161D	NMD1.85mm Female	1.85mm Male	DC~67	1.35:1
ADP7168B	NMD1.85mm Female	2.4mm Female	DC~50	1.25:1
ADP7168D	NMD1.85mm Female	2.4mm Male	DC~50	1.25:1
ADP7167D	NMD1.85mm Female	2.92mm Male	DC~40	1.20:1
ADP7161C	NMD1.85mm Male	1.85mm Female	DC~67	1.35:1

### 2.4mm NMD RF Adapters

P/N	Connector 1	Connector 2	Freq. (GHz)	VSWR(max.)
ADP7878B	NMD2.4mm Female	NMD2.4mm Female	DC~50	1.25:1
ADP7878D	NMD2.4mm Female	NMD2.4mm Male	DC~50	1.25:1
ADP7837B	NMD2.4mm Female	NMD2.92mm Female	DC~40	1.20:1
ADP7837D	NMD2.4mm Female	NMD2.92mm Male	DC~40	1.20:1
ADP7876B	NMD2.4mm Female	NMD3.5mm Female	DC~26.5	1.15:1
ADP7876D	NMD2.4mm Female	NMD3.5mm Male	DC~26.5	1.15:1
ADP7868B	NMD2.4mm Female	2.4mm Female	DC~50	1.25:1
ADP7868D	NMD2.4mm Female	2.4mm Male	DC~50	1.25:1
ADP7867B	NMD2.4mm Female	2.92mm Female	DC~40	1.20:1
ADP7867D	NMD2.4mm Female	2.92mm Male	DC~40	1.20:1
ADP7866B	NMD2.4mm Female	3.5mm Female	DC~26.5	1.15:1
ADP7866D	NMD2.4mm Female	3.5mm Male	DC~26.5	1.15:1
ADP7861C	NMD2.4mm Male	1.85mm Female	DC~50	1.25:1
ADP7868C	NMD2.4mm Male	2.4mm Female	DC~50	1.25:1

### 2.92mm NMD RF Adapters

P/N	Connector 1	Connector 2	Freq. (GHz)	VSWR(max.)
ADP3737B	NMD2.92mm Female	NMD2.92mm Female	DC~40	1.20:1
ADP3737D	NMD2.92mm Female	NMD2.92mm Male	DC~40	1.20:1
ADP3776B	NMD2.92mm Female	NMD3.5mm Female	DC~26.5	1.15:1
ADP3776D	NMD2.92mm Female	NMD3.5mm Male	DC~26.5	1.15:1
ADP3768B	NMD2.92mm Female	2.4mm Female	DC~40	1.20:1
ADP3768D	NMD2.92mm Female	2.4mm Male	DC~40	1.20:1
ADP3767B	NMD2.92mm Female	2.92mm Female	DC~40	1.20:1
ADP3767D	NMD2.92mm Female	2.92mm Male	DC~40	1.20:1
ADP3767B-11	NMD2.92mm Female	2.92mm Female	DC~40	1.20:1
ADP3767D-11	NMD2.92mm Female	2.92mm Male	DC~40	1.20:1
ADP3766B	NMD2.92mm Female	3.5mm Female	DC~26.5	1.15:1
ADP3766D	NMD2.92mm Female	3.5mm Male	DC~26.5	1.15:1
ADP3766B-11	NMD2.92mm Female	3.5mm Female	DC~26.5	1.15:1
ADP3766D-11	NMD2.92mm Female	3.5mm Male	DC~26.5	1.15:1
ADP3761C	NMD2.92mm Male	1.85mm Female	DC~40	1.20:1
ADP3768C	NMD2.92mm Male	2.4mm Female	DC~40	1.20:1

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### 3.5mm NMD RF Adapters

P/N	Connector 1	Connector 2	Freq. (GHz)	VSWR(max.)
ADP7676B	NMD3.5mm Female	NMD3.5mm Female	DC~26.5	1.15:1
ADP7676D	NMD3.5mm Female	NMD3.5mm Male	DC~26.5	1.15:1
ADP7668B	NMD3.5mm Female	2.4mm Female	DC~26.5	1.15:1
ADP7667B	NMD3.5mm Female	2.92mm Female	DC~26.5	1.15:1
ADP7667B-11	NMD3.5mm Female	2.92mm Female	DC~26.5	1.15:1
ADP7666B	NMD3.5mm Female	3.5mm Female	DC~26.5	1.15:1
ADP7666D	NMD3.5mm Female	3.5mm Male	DC~26.5	1.15:1
ADP7666B-11	NMD3.5mm Female	3.5mm Female	DC~26.5	1.15:1
ADP7666D-11	NMD3.5mm Female	3.5mm Male	DC~26.5	1.15:1
ADP7665B	NMD3.5mm Female	N Female	DC~18	1.15:1
ADP7665D	NMD3.5mm Female	N Male	DC~18	1.15:1
ADP7635B	NMD3.5mm Female	7mm Sexless	DC~18	1.10:1
ADP7668C	NMD3.5mm Male	2.4mm Female	DC~26.5	1.15:1
ADP7667C	NMD3.5mm Male	2.92mm Female	DC~26.5	1.15:1
ADP7635A	NMD3.5mm Male	7mm Sexless	DC~18	1.10:1