

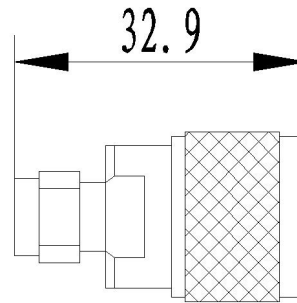
Coaxial Precision Adapters

P/N: ADC009A00XA0

Outline Drawing (mm)

【Features】

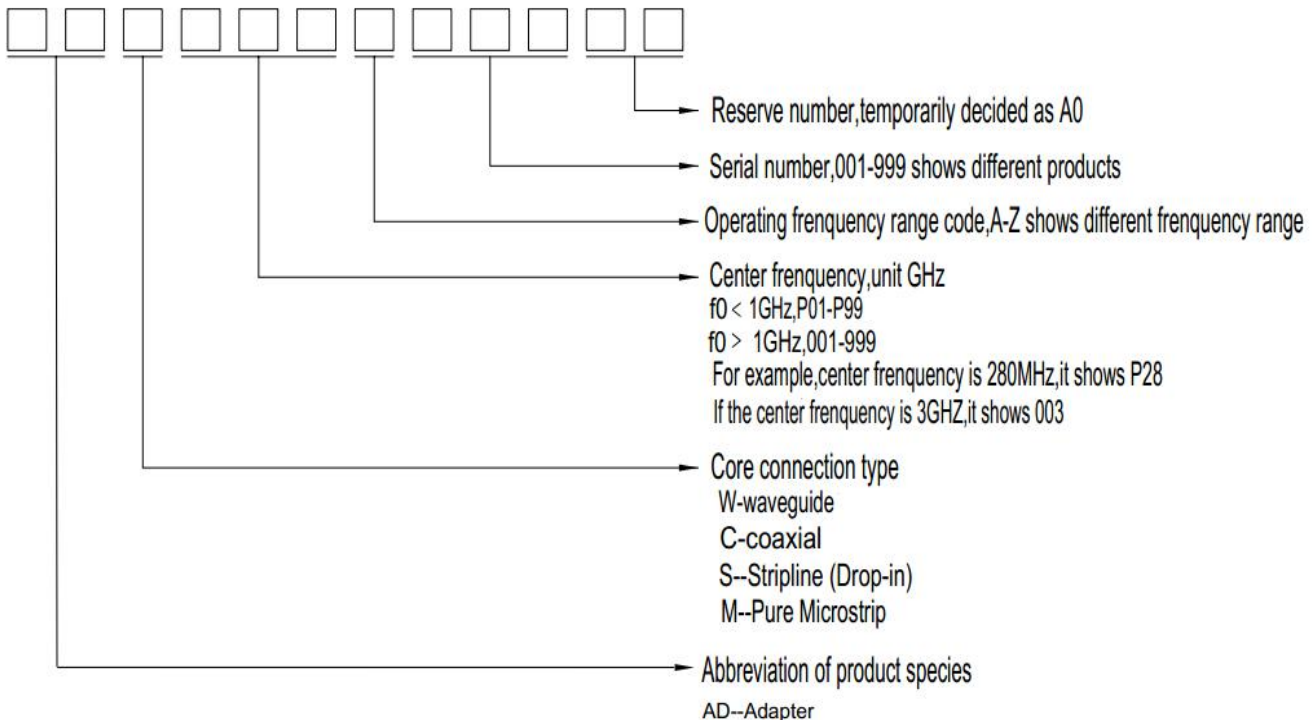
- ❖ Low VSWR
- ❖ Full waveguide band operation
- ❖ Low Insertion Loss



【Specifications】

Model No.	ADC009A00XA0
Frequency Range	DC-18GHz
Connector Type	N/SMA-JJ
Impedance	50 Ω
Operating Temp	-65~+165℃
Insertion Loss	0.25 dB Max
VSWR	2.5 Max

【Model Number Description】





Model Number	Connectors type	Frequency Range	VSWR	Description
SMA Series				
ADC009A001A0	SMA(f) to SMA(f)	DC to 18 GHz	1.20	Gold Plated
ADC009A002A0	SMA(m) to SMA(m)	DC to 18 GHz	1.20	Gold Plated
ADC009A003A0	SMA(m) to SMA(f)	DC to 18 GHz	1.20	Gold Plated
ADC009A004A0	SMA(m) to SMA(f)	DC to 18 GHz	1.15	Flange Mount ,0.5”Sq.
ADC009A005A0	SMA(f) to SMA(f)	DC to 18 GHz	1.15	Bulkhead Feed thru(With O-Ring Seal)
ADC009A006A0	SMA(f) to SMA(f)	DC to 18 GHz	1.15	Bulkhead Feed thru(Au is Gold Planted)
ADC013A001A0	SMA(f) to SMA(f)	DC to 26.5 GHz	1.20	
ADC013A002A0	SMA(f) to SMA(f)	DC to 26.5 GHz	1.20	Bulkhead Feed thru(With O-Ring Seal)
ADC003A001A0	SMA(m) to N(m)	DC to 6 GHz	1.30	Ultra Low Cost Brass
ADC003A002A0	SMA(m) to N(f)	DC to 6 GHz	1.30	Ultra Low Cost Brass
ADC003A003A0	SMA(m) to N(m)	DC to 6 GHz	1.07	Flange Mount , 1”Sq.
ADC003A004A0	SMA(m) to N(f)	DC to 6 GHz	1.07	Flange Mount , 1”Sq.
ADC004A001A0	SMA(f) to 7/16(f)	DC to 7.5 GHz	1.35	
ADC009A007A0	SMA(m) to N(m)	DC to 18 GHz	1.25	Short Profile
ADC009A008A0	SMA(m) to N(f)	DC to 18 GHz	1.25	Short Profile
ADC009A009A0	SMA(m) to N(m)	DC to 18 GHz	1.12	Precision
ADC009A010A0	SMA(m) to N(f)	DC to 18 GHz	1.12	Precision
ADC009A011A0	SMA(m) to N(m)	DC to 18 GHz	1.12	Flange Mount 1”Sq.
ADC009A012A0	SMA(m) to N(f)	DC to 18 GHz	1.12	Flange Mount 1”Sq.
ADC009A013A0	SMA(f) to N(f)	DC to 18 GHz	1.20	Bulkhead Feed thru
ADC009A014A0	SMA(m) to N(f)	DC to 18 GHz	1.20	Bulkhead Feed thru
ADC009A015A0	SMA(f) to N(f)	DC to 18 GHz	1.20	Bulkhead Feed thru(With O-Ring Seal)
ADC009A016A0	SMA(m) to N(f)	DC to 18 GHz	1.20	Bulkhead Feed thru(With O-Ring Seal)
ADC004B001A0	SMA(m) to BNC(m)	DC to 8 GHz	1.25	
ADC004B002A0	SMA(m) to BNC(f)	DC to 8 GHz	1.25	
ADC009A017A0	SMA(m) to TNC(m)	DC to 18 GHz	1.25	
ADC009A018A0	SMA(m) to TNC(f)	DC to 18 GHz	1.25	
ADC009A019A0	SMA(m) to 3.5(f)	DC to 18 GHz	1.25	



Model Number	Connectors type	Frequency Range	VSWR	Description
N Series				
ADC003A005A0	N(f) to N(f)	DC to 6 GHz	1.07	Flange Mount 1”Sq.
ADC003A006A0	N(m) to N(m)	DC to 6 GHz	1.07	Flange Mount 1”Sq.
ADC009A020A0	N(m) to N(m)	DC to 18 GHz	1.25	Flange Mount 1”Sq.
ADC009A021A0	N(m) to N(m)	DC to 18 GHz	1.12	Precision
ADC009A022A0	N(f) to N(f)	DC to 18 GHz	1.15	Bulkhead Feed thru
ADC009A023A0	N(f) to N(f)	DC to 18 GHz	1.15	Bulkhead Feed thru(With O-Ring Seal)
ADC009A024A0	N(m) to N(f)	DC to 18 GHz	1.12	Flange Mount 1”Sq.
ADC003A007A0	N(m) to TNC(m)	DC to 6 GHz	1.07	Flange Mount 1”Sq.
ADC003A008A0	N(f) to TNC(f)	DC to 6 GHz	1.07	Flange Mount 1”Sq.
ADC009A025A0	N(m) to TNC(m)	DC to 18 GHz	1.12	Flange Mount 1”Sq.
ADC004B003A0	N(m) to BNC(m)	DC to 8 GHz	1.20	Flange Mount 1”Sq.
ADC004B004A0	N(m) to BNC(f)	DC to 8 GHz	1.20	Flange Mount 1”Sq.
ADC009A026A0	N(f) to 2.4mm(m)	DC to 18 GHz	1.15	
ADC009A027A0	N(f) to 2.4mm(f)	DC to 18 GHz	1.15	
ADC009A028A0	N(m) to 2.92mm(m)	DC to 18 GHz	1.15	Precision
ADC009A029A0	N(f) to 2.92mm(f)	DC to 18 GHz	1.15	Precision
ADC009A030A0	N(m) to 3.5mm(m)	DC to 18 GHz	1.12	
ADC009A031A0	N(f) to 3.5mm(f)	DC to 18 GHz	1.12	
ADC009A032A0	N(m) to 9.8mm(m)	DC to 18 GHz	1.25	
ADC009A033A0	N(f) to 9.8mm(f)	DC to 18 GHz	1.25	
ADC009A034A0	N(m) to SMA(f)	DC to 18 GHz	1.30	Bulkhead Feed thru
ADC009A035A0	N(f) to SMA (f)	DC to 18 GHz	1.12	Bulkhead Feed thru(With O-Ring Seal)
TNC Series				
ADC003A009A0	TNC(f) to TNC (f)	DC to 6 GHz	1.20	Ultra Low Cost ,Brass
ADC009A036A0	TNC(m) to TNC (f)	DC to 18 GHz	1.20	
ADC004B005A0	TNC(m) to BNC(m)	DC to 08 GHz	1.30	
ADC004B006A0	TNC(f) to BNC (m)	DC to 08 GHz	1.30	
ADC009A037A0	TNC(m) to N(f)	DC to 18 GHz	1.25	



Model Number	Connectors type	Frequency Range	VSWR	Description
ADC009A038A0	TNC(f) to N (f)	DC to 18 GHz	1.25	
ADC009A039A0	TNC(m) to N(m)	DC to 18 GHz	1.12	Precision
ADC009A040A0	TNC(f) to N (m)	DC to 18 GHz	1.12	Precision
BNC Series				
ADC004B007A0	BNC(m) to BNC (f)	DC to 8 GHz	1.25	
ADC004B008A0	BNC(f) to BNC (f)	DC to 8 GHz	1.25	
ADC004B009A0	BNC(m) to BNC(m)	DC to 8 GHz	1.25	
ADC004B010A0	BNC(m) to N (m)	DC to 8 GHz	1.15	Precision
ADC004B011A0	BNC(f) to N (m)	DC to 8 GHz	1.15	Precision
ADC004B012A0	BNC(m) to N (f)	DC to 8 GHz	1.15	Precision
ADC004B013A0	BNC(f) to N (f)	DC to 8 GHz	1.15	Precision
Type F Series				
ADC002A001A0	F(m) to F (f)	DC to 3 GHz	1.30	75Ω
ADC002A002A0	F(f) to F (f)	DC to 3 GHz	1.30	75Ω
ADC002A003A0	F(m) to F (m)	DC to 3 GHz	1.30	75Ω
ADC002A004A0	F(m) to N (m)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A005A0	F(m) to N (f)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A006A0	F(f) to N (m)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A007A0	F(f) to N (f)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A008A0	F(m) to BNC (m)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A009A0	F(m) to BNC (f)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A010A0	F(f) to BNC (m)	DC to 3 GHz	1.30	75Ω Both Sides
ADC002A011A0	F(f) to BNC (f)	DC to 3 GHz	1.30	75Ω Both Sides
7/16 DIN Series				
ADC004A002A0	7/16 (f) to 7/16(f)	DC to 7.5 GHz	1.35	
ADC004A003A0	7/16 (m) to 7/16(m)	DC to 7.5 GHz	1.35	
ADC004A004A0	7/16 (m) to 7/16(f)	DC to 7.5 GHz	1.35	
ADC004A005A0	7/16 (f) to N(f)	DC to 7.5 GHz	1.35	
ADC004A006A0	7/16 (f) to N(m)	DC to 7.5 GHz	1.35	



ADC004A007A0	7/16 (m) to N(f)	DC to 7.5 GHz	1.35	
Model Number	Connectors type	Frequency Range	VSWR	Description
ADC004A008A0	7/16 (m) to N(m)	DC to 7.5 GHz	1.35	
ADC004A009A0	7/16 (f) to TNC(f)	DC to 7.5 GHz	1.35	
ADC004A0010A0	7/16 (f) to TNC(m)	DC to 7.5 GHz	1.35	
ADC004A011A0	7/16 (m) to TNC(f)	DC to 7.5 GHz	1.35	
ADC004A012A0	7/16 (m) to TNC(m)	DC to 7.5 GHz	1.35	
1.85mm Series				
ADC033A001A0	1.85 (f) to 1.85 (f)	DC to 65 GHz	1.40	
ADC033A002A0	1.85 (m) to 1.85 (m)	DC to 65 GHz	1.40	
ADC033A003A0	1.85 (m) to 1.85 (f)	DC to 65 GHz	1.40	
2.4mm Series				
ADC025A001A0	2.4(f) to 2.4(f)	DC to 50 GHz	1.30	
ADC025A002A0	2.4 (f) to 2.4 (f)	DC to 50 GHz	1.35	Bulkhead Feed thru(With O-Ring Seal)
ADC013A003A0	2.4(m) to SMA(m)	DC to 26.5 GHz	1.20	
ADC013A004A0	2.4 (f) to SMA (m)	DC to 26.5 GHz	1.20	
ADC017A001A0	2.4(m) to 3.5(m)	DC to 34 GHz	1.25	
ADC017A002A0	2.4 (f) to 3.5 (m)	DC to 34 GHz	1.25	
ADC020A001A0	2.4(m) to 2.9(m)	DC to 40 GHz	1.30	
ADC020A002A0	2.4 (f) to 2.9 (m)	DC to 40 GHz	1.30	
ADC025A003A0	2.4(m) to 1.85(m)	DC to 50 GHz	1.35	
ADC025A004A0	2.4 (f) to 1.85 (m)	DC to 50 GHz	1.35	
2.9mm Series				
ADC013A005A0	2.9 (m) to 2.9 (f)	DC to 26.5 GHz	1.15	
ADC013A006A0	2.9 (f) to 2.9 (f)	DC to 26.5 GHz	1.25	Flange Mount,0.5”Sq.
ADC020A003A0	2.9 (f) to 2.9 (f)	DC to 40 GHz	1.30	
ADC020A004A0	2.9 (f) to 2.9 (f)	DC to 40 GHz	1.30	Bulkhead Feed thru(With O-Ring Seal)
ADC020A005A0	2.9 (f) to 2.9 (f)	DC to 40 GHz	1.35	Flange Mount,0.5”Sq.
ADC013A007A0	2.9(m) to SMA(m)	DC to 26.5 GHz	1.25	
ADC013A008A0	2.9 (f) to SMA (m)	DC to 26.5 GHz	1.25	
ADC017A010A0	2.9 (f) to 1.85 (f)	DC to 34 GHz	1.40	



Model Number	Connectors type	Frequency Range	VSWR	Description
ADC020A006A0	2.9 (f) to 2.4 (f)	DC to 40 GHz	1.35	Bulkhead Feed thru(With O-Ring Seal)
3.5mm Series				
ADC017A003A0	3.5 (f) to 3.5 (f)	DC to 34 GHz	1.25	
ADC017A004A0	3.5 (m) to 3.5 (m)	DC to 34 GHz	1.25	
ADC017A005A0	3.5 (m) to 3.5 (f)	DC to 34 GHz	1.25	
ADC017A006A0	3.5(m) to 1.85(m)	DC to 34 GHz	1.30	
ADC017A007A0	3.5 (f) to 1.85 (m)	DC to 34 GHz	1.30	
ADC017A008A0	3.5(m) to 1.85 (f)	DC to 34 GHz	1.30	
ADC017A009A0	3.5 (f) to 1.85 (f)	DC to 34 GHz	1.30	
7mm Series				
ADC004A013A0	7mm to 7/16 (m)	DC to 7.5 GHz	1.35	
ADC004B014A0	7mm to BNC (m)	DC to 8 GHz	1.15	
ADC009A041A0	7mm to SMA (m)	DC to 18GHz	1.12	
ADC009A042A0	7mm to SMA (f)	DC to 18 GHz	1.12	
ADC009A043A0	7mm to N (f)	DC to 18 GHz	1.12	
ADC009A044A0	7mm to TNC (f)	DC to 18 GHz	1.12	
ADC009A045A0	7mm to 3.5 (m)	DC to 18GHz	1.08	
ADC009A046A0	7mm to 2.4 (m)	DC to 18GHz	1.10	
ADC009A047A0	7mm to 2.9 (m)	DC to 18GHz	1.10	
ADC009A048A0	7mm to SMA (m)	DC to 18GHz	1.12	Flange Mount, 1”Sq.

Note: 1, All the above are technical indexes at normal temperature.

2, Above devices can be dedicated to the design according to customers' needs.

3, If you have other requirements or the table does not list of technical parameters ,please contact us.