



**Model AD Series  
Waveguide & Coaxial Adapters**

AR RF/Microwave Instrumentation offers a standard product line of high power, double-ridge waveguide-to-coax adapters. VSWR over the full waveguide bandwidth is 1.50:1 typical for most models, or that of the coaxial connector selected. Insertion Loss is 0.25 dB maximum.

MODEL NO.	WAVEGUIDE	COAX CONNECTOR	SEX	POWER (WATTS)	COMMENTS
<b>FREQUENCY RANGE 7.5 to 18 GHz</b>					
AD1000	WRD-750-D24	N	M	500	Side Launch
AD1001	WRD-750-D24	N	F	500	Side Launch
AD1002	WRD-750-D24	N	M	500	End Launch
AD1003	WRD-750-D24	N	F	500	End Launch
AD1004	WRD-750-D24	TNC	M	500	Side Launch
AD1005	WRD-750-D24	TNC	F	500	Side Launch
AD1006	WRD-750-D24	TNC	M	500	End Launch
AD1007	WRD-750-D24	TNC	F	500	End Launch
AD1010	WRD-750-D24	SMA	F	50	Side Launch
<b>FREQUENCY RANGE 2.5 to 7.5 GHz</b>					
AD1100	WRD-250-D30	7-16 DIN	F	750	End Launch
AD1101	WRD-250-D30	7-16 DIN	M	750	End Launch
AD1102	WRD-250-D30	7-16 DIN	F	750	Side Launch
AD1103	WRD-250-D30	7-16 DIN	M	750	Side Launch
<b>FREQUENCY RANGE 2.5 to 7.8 GHz</b>					
AD1104	WRD-250-D30	N	F	750	End Launch
AD1105	WRD-250-D30	N	M	750	End Launch
AD1106	WRD-250-D30	N	F	750	Side Launch
AD1107	WRD-250-D30	N	M	750	Side Launch
AD1108	WRD-250-D30	SC	F	1000	End Launch
AD1109	WRD-250-D30	SC	M	1000	End Launch
AD1110	WRD-250-D30	SC	F	1000	Side Launch
AD1111	WRD-250-D30	SC	M	1000	Side Launch
AD1112	WRD-250-D30	N	F	250	Side Launch
AD1113	WRD-250-D30	N	M	250	Side Launch
AD1114	WRD-250-D30	SMA	F	50	Side Launch
<b>FREQUENCY RANGE 2.5 to 4 GHz</b>					
AD1200	WRD-250-D30	LC	F	1000	End Launch
AD1201	WRD-250-D30	LC	M	1000	End Launch
AD1202	WRD-250-D30	LC	F	1000	Side Launch
AD1203	WRD-250-D30	LC	M	1000	Side Launch
<b>FREQUENCY RANGE 2.2 to 3.3 GHz</b>					
AD1300	WR-340	7-16 DIN	F	1000	Side Launch
<b>FREQUENCY RANGE 3.5 to 7.5 GHz</b>					
AD1400	WRD-350	7-16 DIN	F	500	Side launch
AD1401	WRD-350	7-16 DIN	M	500	Side launch
<b>FREQUENCY RANGE 3.5 to 8.2 GHz</b>					
AD1402	WRD-350	N	F	500	Side launch
AD1403	WRD-350	N	M	500	Side launch

FREQUENCY RANGE 6 to 18 GHz					
AD1500	WRD-650	N	F	500	Side Launch
AD1501	WRD-650	N	M	500	Side Launch
AD1502	WRD-650	N	F	500	End Launch
AD1503	WRD-650	N	M	500	End Launch
FREQUENCY RANGE 18 to 40 GHz					
AD3000	WRD-180-C24	K	F	10	Side Launch
AD3001	WRD-180-C24	K	F	10	End Launch
FREQUENCY RANGE 18 to 26.5 GHz					
AD4000	WR-42	K	F	30	Side Launch
AD4001	WR-42	K	F	30	End Launch
AD4002	WR-42	SMA	F	50	Side Launch
AD4003	WR-42	SMA	F	50	End Launch
AD4004	WR-42	K	M	30	Side Launch
AD4005	WR-42	K	M	30	End Launch
FREQUENCY RANGE 26.5 to 40 GHz					
AD4100	WR-28	K	F	10	Side Launch
AD4101	WR-28	K	F	10	End Launch
AD4200	WR-28	K	M	10	Side Launch
AD4201	WR-28	K	M	10	End Launch
FREQUENCY RANGE 33 to 50 GHz					
AD4400	WR-22	2.4 mm	F	10	Side Launch
AD4401	WR-22	2.4 mm	M	10	Side Launch

AR RF/Microwave Instrumentation offers a standard product line of fabricated waveguide transitions with a VSWR of 1.15:1.00 maximum in the overlap frequency bands. Insertion loss is 0.11 dB maximum.

AD2000	WRD-750-D24 to WR62	12–18 GHz	1.4 kW CW	L = 4.5 inches
AD2001	WRD-750-D24 to WR90	8–12.4 GHz	1.5kW CW	L = 6 inches
AD2010	WRD-200-D24 to WR284	2.5–4.0 GHz	24 kW CW	L = 9 inches
AD2020	WRD-250-D30 to WRD-350-D24	4.0–7.5 GHz	11 kW CW	L = 8 inches
AD2030	WRD-250-D30 to WR284	2.5–4.0 GHz	24 kW CW	L = 12 inches
AD2040	WRD-250-D30 to WRD-200-D24	2.5–4.8 GHz	24 kW CW	L = 10 inches
AD2050	WRD-180-C24 to WR-28	26.5–40 GHz	250 W CW	L = 2 inches

AR RF/Microwave Instrumentation offers a standard product line of fabricated coaxial adapters with low VSWR and insertion loss.

AD5000	7/8" EIA to 7-16 DIN female	DC–6 GHz	750 W CW
AD5001	7/8" EIA to 7-16 DIN male	DC–6 GHz	750 W CW
AD5002	1-5/8" EIA to 7-16 DIN female	DC–3 GHz	1.0 kW CW
AD5003	1-5/8" EIA to 7-16 DIN male	DC–3 GHz	1.0 kW CW
AD5004	1-5/8" EIA to N female	DC–3 GHz	600 W CW
AD5005	7/8" EIA to N female	DC–6 GHz	450 W CW
AD5006	1-5/8" EIA to 3-1/8" EIA	DC-1.5GHz	4.5 kW CW

EXPORT CLASSIFICATION FOR ALL AD MODELS ...EAR99