Model CCxxxx Series
Microwave Coaxial Cables

AR RF/Microwave Instrumentation offers a standard product line of low loss microwave coaxial cables. VSWR is typically 1.4:1. The CCxxxx series are recommended for the output of our Model A, W, S and T Series broadband microwave power amplifiers where power and frequency is compatible. The CC1800 series is recommended for the input to our broadband microwave power amplifiers.

MODEL NO.	FREQUENCY	POWER (watts at f(max.)	ATTENUATION dB/meter at f(max) (dB/ft.) at f(max)	LENGTH METER (FT)	CONNECTOR TYPE (sex)
CC1871	DC – 18GHz	70	1.281 (0.574)	1	TNC (M) – SMA (M)
CC1872	DC – 18GHz	70	1.281 (0.574)	0.3048 (1′)	TNC (M) – TNC (M)
CC1873	DC – 18GHz	70	1.281 (0.574)	0.6096 (2′)	TNC (M) – TNC (M)
CC1874	DC – 18GHz	70	1.281 (0.574)	1 (3.28′)	TNC(M) – N(M)
CC1875	DC – 18GHz	70	1.281 (0.574)	1.22 (4′)	TNC(M) – N(M)
CC1876	DC – 18GHz	70	1.281 (0.574)	2 (6.56′)	TNC(M) – N(M)
CC2501	DC – 2.5GHz	1.3k	0.13 (0.081)	1 (3.28′)	7–16(M) – 7–16(M)
CC2502	DC – 2.5GHz	1.3k	0.13 (0.081)	2 (6.56′)	7–16(M) – 7–16 (M)
CC2503	DC – 2.5GHz	1.3k	0.13 (0.081)	3.05 (10′)	7–16(M) – 7–16 (M)
CC2504	DC – 2.5GHz	1.3k	0.13 (0.081)	4 (13.12′)	7–16(M) – 7–16 (M)
CC2505	DC - 2.5GHz	1.3k	0.13 (0.081)	5 (16.4′)	7–16(M) – 7–16 (M)
CC2506	DC – 2.5GHz	1.3k	0.13 (0.081)	6.1 (20′)	7–16(M) – 7–16 (M)
CC2507	DC – 2.5GHz	1.3k	0.13 (0.081)	1 (3.28′)	7/8 EIA-7/8 EIA
CC2508	DC – 2.5GHz	1.3k	0.13 (0.081)	3 (9.84′)	7/8 EIA-7/8 EIA
CC2509	DC – 2.5GHz	1.3k	0.13 (0.081)	2 (6.56′)	7/8 EIA-7/8 EIA
CC2517	DC – 2.5GHz	1.3k	0.13 (0.081)	1.22 (4′)	7/8 EIA-7/8 EIA
CC2518	DC – 2.5GHz	1.3k	0.13 (0.081)	3.66 (12′)	7/8 EIA-7/8 EIA
CC2519	DC – 2.5GHz	1.3k	0.13 (0.081)	2.44 (8′)	7/8 EIA-7/8 EIA
CC8210	DC – 8GHz	500	0.674 (0.34)	0.914 (3′)	7–16 (M) – N (M)
CC8211	DC – 8GHz	500	0.674 (0.34)	3.05 (10′)	7–16 (M) – 7–16 (M)
CC8220	DC – 8GHz	500	0.674 (0.34)	6.1 (20′)	7–16 (M) – 7–16 (M)
CC8230	DC – 8GHz	500	0.674 (0.34)	9.15 (30′)	7–16 (M) – 7–16 (M)
CC8240	DC – 8GHz	500	0.674 (0.34)	2 (6.56′)	N (M) - N (M)
CC8401	DC – 1GHz	6.6k	0.04 (0.026)	1 (3.28′)	1 5/8 EIA–1 5/8 EIA
CC8402	DC – 1GHz	6.6k	0.04 (0.026)	2 (6.56′)	1 5/8 EIA–1 5/8 EIA
CC8403	DC – 1GHz	6.6k	0.04 (0.026)	3 (9.84′)	1 5/8 EIA–1 5/8 EIA
CC8405	DC – 1GHz	6.6k	0.04 (0.026)	5 (16.4′)	1 5/8 EIA–1 5/8 EIA
CC8410	DC – 1GHz	6.6k	0.04 (0.026)	10 (32.8′)	1 5/8 EIA–1 5/8 EIA
CC8501	DC – 1GHz	4.8k	0.043 (0.03)	1 (3.28′)	1 5/8 EIA–1 5/8 EIA
CC8502	DC – 1GHz	4.8k	0.043 (0.03)	2 (6.56′)	1 5/8 EIA–1 5/8 EIA
CC8503	DC – 1GHz	3k	0.043 (0.03)	3 (9.84′)	7–16 (M)–7–16 (M)
CC8505	DC – 1GHz	4.8k	0.043 (0.03)	5 (16.4′)	1 5/8 EIA–1 5/8 EIA
CC8507	DC – 1GHz	3k	0.043 (0.03)	7 (23′)	7–16 (M) – 7–16 (M)
CC8510	DC – 1GHz	4.8k	0.043 (0.03)	10 (32.8′)	1 5/8 EIA–1 5/8 EIA
CC8520	DC – 1GHz	4.8k	0.043 (0.03)	20 (65.6′)	1 5/8 EIA–1 5/8 EIA
CC8703	DC – 1GHz	4.8k	0.043 (0.03)	3 (9.84′)	1 5/8 EIA–1 5/8 EIA
CC8707	DC – 1GHz	4.8k	0.043 (0.03)	7 (23′)	1 5/8 EIA–1 5/8 EIA
CC8708	DC – 1GHz	4.8k	0.043 (0.03)	8 (26.25′)	1 5/8 EIA–1 5/8 EIA
CC8710	DC – 1GHz	4.8k	0.043 (0.03)	10 (32.8′)	1 5/8 EIA–1 5/8 EIA
CC8720	DC – 1GHz	4.8k	0.043 (0.03)	20 (65.62′)	1 5/8 EIA–1 5/8 EIA
CC8730	DC – 1GHz	4.8k	0.043 (0.03)	30 (98.43′)	1 5/8 EIA–1 5/8 EIA

Special-Order Cables

MODEL NO.	FREQUENCY	POWER (watts at f(max.)	ATTENUATION dB/meter at f(max) (dB/ft.) at f(max)	LENGTH METER (FT)	CONNECTOR TYPE (sex)
CC4120	DC – 1GHz	10k	0.072 (0.022)	3.08 (10′)	1 5/8 EIA–1 5/8 EIA
CC4600	DC – 1GHz	10k	0.072 (0.022)	15.24 (50′)	1 5/8 EIA–1 5/8 EIA
CC8614	DC – 250MHz	15k	0.0328 (0.01)	1 (3.28′)	1 5/8 EIA–1 5/8 EIA
CC8615	DC – 250MHz	15k	0.0328 (0.01)	3 (9.84′)	1 5/8 EIA–1 5/8 EIA
CC8616	DC – 250MHz	15k	0.0328 (0.01)	4.9 (16′)	1 5/8 EIA–1 5/8 EIA