

RG 174/U, RG 58/U, RG 8

PART NO.	UL/ ETL NEC TYPE	COND. (STRAND) NOM. DCR	NOMINAL CORE OD & TYPE		SHIELD MTRL NOM DCR	NOMINAL OD		NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE		NOMINAL ATTENUATION		
			INCH	mm		INCH	mm			pF/FT	pF/m	MHz	dB/ 100 FT.	dB/ 100 m

RG 174/U 26 AWG Stranded (7x34) .019" BCCS 90% TC Braid Shield Black PVC Jacket

8174 UL AWM Style 1354 30 V 60°C RoHS	AWM 1354	26 AWG (7x34) .019" BCCS 97Ω/M' 318.2Ω/km	.060	1.52	TC Braid 90% Shield Coverage 10.7Ω/M' 35.1Ω/km	.110	2.79	50	66%	30.8	101.0	1	1.9	6.2
												10	3.3	10.8
												50	5.8	19.0
												100	8.4	27.6
												200	12.5	41.0
												400	19.0	62.3
												700	27.0	88.6
												900	31.0	101.7
												1000	34.0	111.5

RG 58/U 20 AWG Solid .032" BC 80% BC Braid Shield Black PVC Jacket

8158 UL AWM Style 1354 75°C RoHS	AWM 1354	20 AWG (Solid) .032" BC 10.0Ω/M' 33.1Ω/km	.116	2.95	BC Braid 80% Shield Coverage 5.5Ω/M' 18.0Ω/km	.195	4.95	51.5	66%	28.5	93.5	1	.3	1.1
												10	1.1	3.6
												50	2.5	8.2
												100	3.8	12.5
												200	5.6	18.4
												400	8.4	27.6
												700	11.7	38.4
												900	13.7	44.9
												1000	14.5	47.6

RG 58A/U 20 AWG Stranded (19x33) .035" TC 95% TC Braid Shield Black PVC Jacket

4-8058A 75°C RoHS	CM	20 AWG (19x33) .035" TC 10.8Ω/M' 35.4Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M' 13.4Ω/km	.195	4.95	50	66%	30.8	101.0	1	.4	1.4
												10	1.5	4.9
												50	3.7	12.1
												100	5.4	17.7
												200	8.1	26.6
												400	12.4	40.7
												700	17.7	58.1
												900	21.1	69.2
												1000	22.8	74.8

RG 58/U 20 AWG Solid .032" BC 95% TC Braid Shield Black PVC Jacket

4-8058 UL AWM Style 1354 30 V 80°C RoHS	CM	20 AWG (Solid) .032" BC 10.2Ω/M' 33.5Ω/km	.116	2.95	TC Braid 95% Shield Coverage 4.1Ω/M' 13.4Ω/km	.195	4.95	51.5	66%	28.5	93.5	1	.3	1.1
												10	1.1	3.6
												50	2.5	8.2
												100	3.8	12.5
												200	5.6	18.4
												400	8.4	27.6
												700	11.7	38.4
												900	13.7	44.9
												1000	14.5	47.6

RG 8X 16 AWG Stranded (19x29) .058" BC 95% BC Braid Shield Black PVC Jacket

4-8282X UL AWM Style 1354 30 V 80°C RoHS	CM	16 AWG (19x29) .058" BC 4.3Ω/M' 14.1Ω/km	.155	3.94	BC Braid 95% Shield Coverage 3.3Ω/M' 10.8Ω/km	.242	6.15	50	82%	24.8	81.4	1	.3	.8
												10	.9	2.9
												50	2.1	6.9
												100	3.1	10.2
												200	4.5	14.8
												400	6.6	21.7
												700	9.1	29.9
												900	10.7	35.1
												1000	11.2	36.7

RG 8/U 13 AWG Stranded (7x21) .085" BC 97% BC Braid Shield Black PVC Jacket

8208 75°C RoHS	CL2	13 AWG (7x21) .085" BC 1.9Ω/M' 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M' 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1	.2	.5
												10	.6	1.8
												50	1.3	4.3
												100	1.9	6.2
												200	2.8	9.2
												400	4.2	13.8
												700	5.9	19.4
												900	6.9	22.6
												1000	7.4	24.3

RG 8/U 13 AWG Stranded (7x21) .085" BC 97% BC Braid Shield Black Non-Contaminating PVC Jacket

8208A UL AWM Style 1354 30 V 60°C RoHS	CL2X	13 AWG (7x21) .085" BC 1.9Ω/M' 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M' 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1	.2	.5
												10	.6	1.8
												50	1.3	4.3
												100	1.9	6.2
												200	2.8	9.2
												400	4.2	13.8
												700	5.9	19.4
												900	6.9	22.6
												1000	7.4	24.3

RG 8, RG 58

PART NO.	UL/ ETL NEC TYPE	COND. (STRAND) NOM. DCR	NOMINAL CORE OD & TYPE		SHIELD MTRL NOM DCR	NOMINAL OD		NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE		NOMINAL ATTENUATION	
			INCH	mm		INCH	mm			pF/FT	pF/m	dB/ MHz	dB/ 100 FT.

RG 58 19 AWG Solid .037" BC 96% TC Braid Shield Black Polyethylene Jacket

LL195	80°C	19 AWG (solid) .037" BC 7.6Ω/M' 24.9Ω/km	.110	2.79	Bond-X AL Foil + TC Braid 96% Shield Coverage 4.2Ω/M' 13.8Ω/km	.195	4.95	50	77%	24.3	79.7	30	2.0	6.6
												50	2.5	8.2
												150	4.0	13.3
												220	4.9	16.1
												450	7.1	23.4
												900	10.3	33.8
												1500	13.7	44.8
												1800	15.2	49.7
												2000	16.1	52.8
												2500	18.3	60.1
RoHS											3000	20.5	67.3	

RG 58 19 AWG Solid .037" BC 96% TC Braid Shield Black PVC Jacket

LR195	80°C	19 AWG (solid) .037" BC 7.6Ω/M' 24.9Ω/km	.110	2.79	Bond-X AL Foil + TC Braid 96% Shield Coverage 4.2Ω/M' 13.8Ω/km	.195	4.95	50	77%	24.3	79.7	30	2.0	6.6
												50	2.5	8.2
												150	4.0	13.3
												220	4.9	16.1
												450	7.1	23.4
												900	10.3	33.8
												1500	13.7	44.8
												1800	15.2	49.7
												2000	16.1	52.8
												2500	18.3	60.1
RoHS											3000	20.5	67.3	

RG 8/U 10 AWG Stranded (19 x .021) .108" BC 96% TC Braid Shield Black PVC Jacket

1418	75°C	10 AWG (19 x .021) .108" BC .9Ω/M' 3.0Ω/km	.286	7.26	Bond-X AL Foil + TC Braid 96% Shield Coverage 1.8Ω/M' 5.9Ω/km	.405	10.29	50	84%	24.6	80.7	1	.3	1.0
												10	.5	1.6
												50	1.1	3.6
												100	1.6	5.1
												200	2.2	7.2
												400	3.1	10.1
												700	4.1	10.3
												900	4.6	15.1
												1000	4.8	15.9
												RoHS		

RG 8/U 10 AWG Stranded (19 x .021) .108" BC 96% TC Braid Shield High Flex Matte Black PVC Jacket

1408	High Flex 80°C	10 AWG (19x.021) .108" BC 1.1Ω/M' 3.7Ω/km	.286	7.24	Bond-X AL Foil + TC Braid 96% Shield Coverage 1.1Ω/M' 3.6Ω/km	.405	10.29	50	83%	24.6	80.7	1	.4	1.3
												10	.6	2.1
												50	1.3	4.4
												100	1.8	6.0
												200	2.5	8.4
												400	3.5	11.5
												700	4.6	15.0
												900	5.1	16.9
												1000	5.4	17.7
												RoHS		

RG 8X 15 AWG Solid .057" BC 95% TC Braid Shield Black Polyethylene Jacket

LL240	80°C	15 AWG (solid) .057" BC 3.2Ω/M' 10.5Ω/km	.150	3.81	Bond-X AL Foil + TC Braid 95% Shield Coverage 3.5Ω/M' 11.5Ω/km	.240	6.10	50	86%	23.0	75.5	30	1.3	4.1
												50	1.6	5.3
												150	2.8	9.3
												220	3.4	11.1
												450	4.9	16.1
												900	7.0	22.9
												1500	9.1	30.0
												1800	10.1	33.2
												2000	10.7	35.0
												2500	12.0	39.5
RoHS												3000	13.4	43.9

RG 8

PART NO.	UL/ ETL NEC TYPE	COND. (STRAND) NOM. DCR	NOMINAL CORE OD & TYPE		SHIELD MTRL NOM DCR	NOMINAL OD		NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE		NOMINAL ATTENUATION	
			INCH	mm		INCH	mm			pF/FT	pF/m	MHz	dB/ 100 FT.

RG 8X 15 AWG Solid .057" BC 96% TC Braid Shield Black PVC Jacket

2400PE	CMR	15 AWG (solid) .057" BC 3.2Ω/M' 10.5Ω/km	.150	3.81	Bond-X AL Foil + TC Braid 96% Shield Coverage 3.5Ω/M' 11.5Ω/km	.240	6.10	50	86%	23.0	75.5	30	1.3	4.1
												50	1.6	5.3
												150	2.8	9.3
												220	3.4	11.1
												450	4.9	16.1
												900	7.0	22.9
												1500	9.1	30.0
												1800	10.1	33.2
												2000	10.7	35.0
												2500	12.0	39.5
3000	13.4	43.9												
RoHS														

RG 8 10 AWG Solid .108" BCCA 96% TC Braid Shield Black Polyethylene Jacket

4000PE		10 AWG (solid) .108" BCCA 1.3Ω/M' 4.4Ω/km	.285	7.24	Bond-X AL Foil + TC Braid 96% Shield Coverage 1.8Ω/M' 5.8Ω/km	.405	10.29	50	86%	23.0	75.5	30	.7	2.1
												50	.9	2.8
												150	1.5	4.9
												220	1.8	6.0
												450	2.7	8.8
												900	3.8	12.6
												1500	5.1	16.6
												1800	5.6	18.5
												2000	6.0	19.6
												2500	6.7	22.0
3000	7.5	24.4												
RoHS														

RG 8 10 AWG Solid .108" BCCA 96% TC Braid Shield Black Flexible Matte PVC Jacket

4000		10 AWG (solid) .108" BCCA 1.3Ω/M' 4.4Ω/km	.285	7.24	Bond-X AL Foil + TC Braid 96% Shield Coverage 1.8Ω/M' 5.8Ω/km	.405	10.29	50	86%	24.8	81.4	30	.7	2.1
												50	.9	2.8
												150	1.5	4.9
												220	1.8	6.0
												450	2.7	8.8
												900	3.8	12.6
												1500	5.1	16.6
												1800	5.6	18.5
												2000	6.0	19.6
												2500	6.7	22.0
3000	7.5	24.4												
RoHS														

RG 8A/U, RG 59C/U, RG 174/U, RG 213, RG 214, RG 223

PART NO.	UL/ ETL NEC TYPE	COND. (STRAND) NOM. DCR	NOMINAL CORE OD & TYPE		SHIELD MTRL NOM DCR	NOMINAL OD		NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE		NOMINAL ATTENUATION	
			INCH	mm		INCH	mm			pF/FT	pF/m	dB/ MHz	dB/ 100 FT.

MIL TYPE RG 8/U 13 AWG Stranded (7x21) .089" BC 97% BC Braid Shield Black NCV Jacket

8208A	CMX	13 AWG (7x21)	.285	7.24	BC Braid 97% Shield	.405	10.29	52	66%	28.5	93.5	1	.2	.5
UL AWM Style 1354 30 V 60°C		.089" BC	SPE		Coverage 1.2Ω/M'							10	.6	1.8
RoHS		1.9Ω/M'			3.9Ω/km							50	1.3	4.3
		6.2Ω/km										100	1.9	6.2
												200	2.8	9.2
												400	4.2	13.8
												700	5.9	19.4
												900	6.9	22.6
												1000	7.4	24.3
												4000	23.2	76.1

MIL TYPE RG 58C/U 20 AWG Stranded (19x33) .035" TC 95% TC Braid Shield Black NCV Jacket

8058C	CMX	20 AWG (19x33)	.115	2.92	TC Braid 95% Shield	.195	4.90	50	66%	30.8	101.0	1	.4	1.4
85°C		.035" TC	SPE		Coverage 4.1Ω/M'							10	1.4	4.6
RoHS		10.8Ω/M'			13.4Ω/km							50	3.3	10.8
		35.4Ω/km										100	4.9	16.1
												200	7.3	24.0
												400	11.5	37.7
												700	17.0	55.8
												900	20.0	65.6
												1000	21.5	70.5

MIL TYPE RG 174/U 26 AWG Stranded (7x34) .019" BCCS 90% TC Braid Shield Black NCV Jacket

8174A	AWM 1354	26 AWG (7x34)	.060	1.52	TC Braid 90% Shield	.110	2.79	50	66%	30.8	101.0	1	1.9	6.2
UL AWM Style 1354 30 V 60°C		.019" BCCS	SPE		Coverage 10.7Ω/M'							10	3.3	10.8
RoHS		97.0Ω/M'			35.1Ω/km							50	5.8	19.0
		318.2Ω/km										100	8.4	27.6
												200	12.5	41.0
												400	19.0	62.3
												700	27.0	88.6
												900	31.0	101.7
												1000	34.0	111.5

MIL TYPE RG 213 13 AWG Stranded (7x21) .089" BC 97% BC Braid Shield Black NCV Jacket

8213A	CMX	13 AWG (7x21)	.285	7.24	BC Braid 97% Shield	.405	10.29	50	66%	30.8	101.0	1	.2	.6
UL AWM Style 1354 30 V 80°C		.089" BC	SPE		Coverage 1.2Ω/M'							10	.6	1.8
RoHS		1.7Ω/M'			3.9Ω/km							50	1.3	4.3
		5.6Ω/km										100	1.9	6.2
												200	2.7	8.9
												400	4.1	13.5
												700	6.5	21.3
												900	7.6	24.9
												1000	8.0	26.2
												4000	21.5	70.5

MIL TYPE RG 214 13 AWG Stranded (7x21) .089" Silver Coated Copper 97% 2 x SCC Braid Shield Black NCV Jacket

8214SC	CMX	13 AWG (7x21)	.285	7.24	2 x SCC Braid 97% Shield	.425	10.80	50	66%	30.8	101.0	1	.2	.6
UL AWM Style 1354 30 V 80°C		.089" SCC	SPE		Coverage .7Ω/M'							10	.6	1.8
RoHS		1.7Ω/M'			2.3Ω/km							50	1.3	4.3
		5.6Ω/km										100	1.9	6.2
												200	2.7	8.9
												400	4.1	13.4
												700	6.5	21.3
												900	7.6	24.9
												1000	8.0	26.2
												4000	20.0	65.6

MIL TYPE RG 223 19 AWG Solid .036" Silver Coated Copper 95% 2 x SCC Braid Shield Black NCV Jacket

8223SC	CMX	19 AWG (solid)	.117	2.95	2 x SCC Braid 95% Shield	.212	5.38	50	66%	30.8	101.0	1	.4	1.1
75°C		.036" SCC	SPE		Coverage 2.5Ω/M'							10	1.2	3.9
RoHS		8.8Ω/M'			8.2Ω/km							50	2.8	8.2
		28.9Ω/km										100	4.1	13.5
												200	6.0	19.7
												400	8.8	28.9
												700	12.0	39.4
												900	13.8	45.3
												1000	14.5	47.6