

50 Ohm Coax

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100 m
15 AWG • Solid 1.5 mm Silver-Plated Copperweld-Steel-Wire • 95 % Silver-Plated Copper Braid																			
PTFE Insulation • Tinted Brown FEP Jacket																			
200°C RG-304 /U	MRG304		3280	1000	282.2	128.0	1.50 mm 15 AWG Solid SPCSW	0.187	4.75	95% SPC Braid	0.283	7.20	50	69.5%	32.0	104.9 max.	10	0.7	2.2
																50	1.8	5.9	
																100	2.7	8.9	
																200	4.2	13.8	
																400	6.4	21.0	
																700	9.0	29.5	
																900	10.5	34.4	
																1000	11.1	36.4	
																8000	40.0	131.2	



12 AWG • Stranded (7x0.80) 2.4 mm Silver-Plated Copper • 96 % Silver-Plated Copper Braid

PTFE Insulation • Tinted Brown TGL Jacket																			
200°C RG-165 /U	MRG165		3280	1000	436.5	198.0	2.4 mm 12 AWG (7x0.80) SPC	0.283	7.20	96% SPC Braid	0.413	10.50	50	69.5%	29.3	96.1	10	0.5	1.8
																50	1.4	4.6	
																100	2.1	6.9	
																200	3.1	10.2	
																400	4.7	15.4	
																700	6.4	21.0	
																900	7.4	24.3	
																1000	8.0	26.2	
																3000	13.7	44.9	



12 AWG • Stranded (7x0.79) 2.3 mm Silver-Plated Copper • 95 % Silver-Plated Copper Double Braid

PTFE Insulation • Tinted Brown TGL Jacket																			
200°C RG-225 /U	MRG225		3280	1000	590.8	268.0	2.3 mm 12 AWG (7x0.79) SPC	0.283	7.20	95% SPC Double Braid	0.425	10.80	50	69.5%	32.3	106.0 max.	400	5.0	16.4



SPCSW = Silver-Plated Copperweld-Steel-Wire • SPC = Silver-Plated Copper • DCR = DC resistance