

	AWG SIZE NOM.DCR (DIA.IN.Inch)	Insulation Core		Shield Coverage NOM.DCR	Sheath		Nominal Capacitance DF/FT	Velocity Of propagation %	Nominal Impedance	Nominal		
		Inches	mm		Nominal OD					MHz	Db/100ft	Db/100mm
					Inches	mm						
V00810S RG8A/U MIL-C-17D	13(7×21) 0.085 Bare Copper 1.9Ω/m	solid polyethylene		97% Bare Copper Braid 1.22Ω/m	LSHF		28	66	52	1	0.17	0.60
		0.285	7.24		0.405	10.30				10	0.55	1.80
										50	1.30	4.30
		0.285	7.24		0.405	10.30				100	1.90	6.30
										200	2.71	8.90
										400	4.10	13.40
										700	6.50	21.30
										900	7.60	24.90
										1000	8.00	26.20
										4000	21.5	70.50