



ELCARD WIRELESS SYSTEMS

CLF400 Antenna Cable

Datasheet

July 2008

File Number CLF400-DS01

LOW LOSS CABLE CLF400

Physical Characteristics				
Inner Conductor O.D. in (mm)	Dielectric O.D. in (mm)	Outer Conductor O.D. in (mm)	Standard Jacket in (mm)	Weight Kg/m
.109 (2.77) Copper-clad	.285 (7.24) Closed-cell PE	.320 (8.13) Sealed Al. / Mylar*/Al.+ Tinned copper braid, 85% 1.65 /Mft 5.41 /km	.405 (10.3) Black PVC	0.108

Electrical Characteristics					
Nominal Impedance (ohms)	Nominal Velocity of Propogation	Capacitance PF/ft (pF/m)	Nominal attenuation		
			MHz	dB/100ft	dB/100m
50	85%	24.0 (78.4)	30	0.7	2.2
			50	0.9	2.9
			150	1.5	5.0
			220	1.9	6.1
			450	2.7	8.9
			900	3.9	12.8
			1500	5.1	16.8
			2000	6.0	19.6
			2500	6.8	22.2
			5800	10.8	35.5