

DATA SHEET

Model No. : CFD 400
Description : 0-6 GHz Low Loss Antenna
Date : 2009/03/21
Rev : 1

Physical Characteristics					
Type Nr.	Inner Conductor O.D. in (mm)	Dielectric O.D. in (mm)	Outer Conductor O.D. in (mm)	Standard Jacket in (mm)	Weight kg/m
Low Loss 400	109 (2.77)	.285 (7.24)	.320 (8.13)	405 (10.3)	0.108
1/4"	Copper-clad aluminum	closed-cell PE	Sealed Al./ Mylar*/Al.+ Tinned copper braid,	Black PVC	
RG8/U	1.41Ω/Mft		85%		
JIS	4.60Ω/km		1.65Ω/Mft		
8D type			5.41Ω/km		
Electrical Characteristics					
Nominal Impedance (ohms)	Nom. Velocity of propagation	Capacitance pF / ft (pF/m)	Nominal Attenuation		
			MHz	dB/ 100ft	dB/ 100m
50	85%	24.5 (78.4)	30	67	2.2
			150	1.5	5
			450	2.7	8.8
			900	3.9	12.7
			1500	5.1	18.6
			2000	6	19.6
			2500	6.8	22.2
			5500	10.2	30.5

