

# TopLine® Bonding Wire RLC Parametric Data

Wire Alloy	Diameter		R (milli-ohm/mm)		Ls (nH/mm)	Cs (pF/mm)
	Mil	um	0 Hz (DC)	100MHz	100~400MHz	100~400MHz
Gold (Au-4N) Gold (Au-2N) Cu PCC	0.6mil	15um	163.62	237.01	1.184	0.073
191.44			277.31			
115.70			177.42			
Gold (Au-4N) Gold (Au-2N) Cu PCC	0.7mil	18um	119.98	182.77	1.14	0.077
140.38			213.85			
84.83			137.64			
Gold (Au-4N) Gold (Au-2N) Cu PCC	0.8mil	20um	91.74	148.55	1.114	0.081
107.24			173.65			
64.76			111.01			
Gold (Au-4N) Gold (Au-2N) Cu PCC	0.9mil	23um	72.24	122.39	1.074	0.085
84.45			143.07			
51.07			92.37			
Gold (Au-4N) Gold (Au-2N) Cu PCC	1.0mil	25um	58.40	103.47	1.043	0.092
68.27			120.95			
41.25			79.02			
Gold (Au-4N) Gold (Au-2N) Cu PCC	1.1mil	28um	48.08	88.68	1.012	0.098
56.21			103.66			
33.99			68.40			
Gold (Au-4N) Gold (Au-2N) Cu PCC	1.2mil	30um	40.54	78.62	1.01	0.104
47.40			91.90			
28.66			60.52			

PCC = Palladium Coated Copper

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