

Circuit Junction Return Loss
OPEN WIRE VS. OPEN WIRE (12" SIDES) OF
UNUSUAL GAUGES AND MATERIAL

Circuit * Combination	Junction Return Loss (db) at the Indicated Frequencies							
	200	300	500	1000	1500	2000	2500	3000
109S vs. 134S	19	20	24	28	31	30	31	31
104CS	12	12	11	11	11	11	11	12
128CS	9	9	9	9	10	10	10	11
80C	10	10	10	10	11	11	11	12
104C	7	7	8	9	9	10	10	11
134S vs. 104CS	17	15	13	12	12	12	12	13
128CS	12	11	10	10	10	11	11	12
80C	14	12	11	11	11	12	12	13
104C	9	9	9	9	10	11	11	12
128C	8	8	8	9	9	10	10	11
104CS vs. 128CS	19	19	20	22	24	26	27	28
80C	22	23	23	24	26	27	28	29
104C	14	14	15	18	20	22	24	25
128C	11	11	12	16	17	20	21	23
165C	8	9	10	14	16	18	19	21
128CS vs. 80C	29	28	29	30	27	27	27	27
104C	20	21	21	24	26	28	29	30
128C	14	16	17	20	22	25	26	28
165C	10	12	13	18	20	22	24	25
80C vs. 104C	18	18	19	23	25	27	28	29
128C	13	14	15	19	21	23	24	25

* S = Steel, C = Copper, CS = Copper-steel (40% conductivity).