

To: X3T9.2 Membership
 From: Robert Gannon
 To: Larry Lammers
 Subject: Serial Cable Prototypes

Catalog	Pwr Pair AWG	Cable OD inches	Z Signal	Cm Signal	Time Delay		ns/Ft
					pair 1 pF/ft	pair 2	
41236	16	.323	123.8	130.1	11.3	10.9	1.36
41197	18	.290	127.1	124.7	11.3	11.3	1.36
41075	20	.269	127.0	125.7	11.2	11.1	1.36
41001	22	.254	121.7	121.7	11.1	11.2	1.36
40253	24	.245	125.7	121.8	10.9	11.1	1.36
40023	26	.240	119.8	118.9	11.3	11.5	1.36

signal pair is 30 AWG diff. ohms

Attenuation (Signal Pair Avg.)	dB/100'			
	25 MHz	50 MHz	75 MHz	100 MHz
41236	5.2	8.1	11.6	15.3
40023	5.1	8.1	12.2	15.5

Cables built with braid shields over signal pairs and as overall shield.