

Cross Section		Electrical characteristics				
		Freq. (Mhz)	RL (dB)	Atten. (dB/100m)	Next (dB)	Acr. (dB)
		1	20.00	2.04	74.29	
		4	23.01	3.78	65.26	
		8	24.51	5.32	60.75	
		10	25.00	5.95	59.29	
		16	25.00	7.55	56.23	
		20	25.00	8.47	54.78	
		25	24.32	9.51	53.33	
		31.25	23.64	10.67	51.87	
		50.0	22.21	13.66	48.81	
Product standard certification:		62.5	21.53	15.38	47.36	
Flammability test:		100	20.10	19.80	44.30	
Reference standard:		125	19.42	22.35	42.84	
Rated temperature: 75 deg.		200	18.00	28.98	39.78	
		250	17.32	32.85	38.33	
Construction		Freq. (Mhz)	PsNext (dB)	ElFext (dB/100m)	PsElFext (dB/100m)	Dop (ns/100m)
Conductor:	solid bare copper	1	72.29	67.79	64.79	570.00
AWG:	23	4	63.26	55.75	52.75	552.00
Insualtion:	PE, 1.02 +/- 0.02mm	8	58.75	49.73	46.73	546.72
Separator:	PE material	10	57.29	47.79	44.79	545.38
Ripcord:	Nylon (150D)	16	54.23	43.71	40.71	543.00
Outer jacket:	PVC	20	52.78	41.77	38.77	542.04
Overall dia.	6.3 +/- 0.3mm	25	51.33	39.84	36.84	541.20
		31.25	49.87	37.90	34.90	540.43
Mechanical characteristics		50.0	46.81	33.82	30.82	539.09
Test object:	jacket	62.5	45.36	31.88	28.88	538.55
Test material:	PVC	100	42.29	27.79	24.79	537.60
before tensile Strength (Mpa):	>=13.8	125	40.84	25.86	22.86	537.21
aging elongation (%):	>=100	200	37.78	21.77	18.77	536.54
Aging condition (°C xHrs):	100x48	250	36.33	19.84	16.84	536.27
afer tensile strength (Mpa):	>=85% of unaged					
aging elongation (%):	>=50% of unaged					
Cold bend (-20+/-2 x 4hrs):	No crack.					