

# 接入网用75欧姆编织同轴电缆

## 75Ω Braiding Coaxial Cable for Access network

结构尺寸Construction					
项目Item		RG 59	RG 6	RG 7	RG 11
1 内导体Nominal Inner Conductor (mm)		0.81	1.02	1.29	1.63
		CCS or Cu	CCS or CU	CCS or CU	CCS or CU
2 绝缘Nominal Dielectric (mm)		3.66	4.57	5.72	7.11
		Foamed PE	Foamed PE	Foamed PE	Foamed PE
3 屏蔽1st Shield (Tape)		AL/P-Foil Bonded	AL/P-Foil Bonded	AL/P-Foil Bonded	AL/P-Foil Bonded
4 外导体2nd Shield (Braid)		Aluminum / TC	Aluminum / TC	Aluminum / TC	Aluminum / TC
		Coverage 45-95%			
5 标准屏蔽护套 Jacket(mm)(Standard shield)		6.1	6.9	8.08	10.16
三屏蔽护套 Jacket(mm) Tri-shield		6.2	7.06	8.2	10.16
四屏蔽护套 Jacket(mm) Quad-shield		6.73	7.62	8.59	10.34
6 护套材质 Jacket Material		PE or PVC	PE or PVC	PE or PVC	PE or PVC
电气性能Electrical Characteristics					
特性阻抗Impedance(Ω)		75 ± 3	75 ± 3	75 ± 3	75 ± 3
电容Capacitance(pF/m)		53.0 ± 3.0	53.0 ± 3.0	53.0 ± 3.0	53.0 ± 3.0
速率Velocity of Propagation(%)		84	85	85	85
护套耐压Voltage Withstand(Volts DC)		4	4	4	4
工作温度范围Operating Temp Range(°C)		-25 ~ +70 (PVC) -40 ~ +80 (PE)			
衰减Attenuation at 20°C					
衰减Attenuation dB/100m (typical)	频率MHz	RG 59	RG 6	RG 7	RG 11
	5	2.82	1.9	1.54	1.25
	55	6.73	5.25	4.1	3.15
	211	12.47	10	7.74	6.23
	300	14.6	11.64	9.25	7.38
	350	15.75	12.63	10.01	7.94
	400	16.73	13.61	10.73	8.53
	450	17.72	14.43	11.35	9.02
	550	19.52	16.08	12.63	9.97
	750	22.87	18.54	14.99	11.97
	865	24.67	20.01	16.17	13.05
1000	26.64	21.49	17.45	14.27	
回波损耗Return Loss(dB) Min	5 ~ 1000 Mhz	22	22	22	22