

RG1160

RG1160 标准屏蔽电缆 Standard shielded cable



材料特性 Material Specification

内导体 Inner Conductor	21%铜包钢 21%Copper-Clad Steel	1.63±0.02 mm
绝缘 Dielectric	发泡聚乙烯 Foam PE	7.11±0.10 mm
铝箔 Aluminum Foil	双面自粘铝箔 Bonded APA	7.32±0.15 mm
编织 Braid	60%编织铝镁合金丝 60% Braid Al-Mg	96*0.16 mm
护套 Jacket	黑色/白色聚氯乙烯 Black / White PVC	10.16±0.25 mm

电气和机械特性 Electrical And Mechanical Specification

特性阻抗 Characteristic Impedance	75±3 Ω	
传输速率 Velocity of Propagation	82%	
电容 Capacitance	52.3 PF/m	
绝缘电阻 Insulation Resistance,min	5000 MΩ*km	
护套火花试验电压 Jacket Spark Test Voltage	5 KV	
回波损耗RL min	5-1002 MHz	23 dB
	1002-1218 MHz	20 dB
	1218-1794 MHz	19 dB
	1794-2250 MHz	18 dB
	2250-3000 MHz	16 dB

环境特性 Environmental Specifications

安装温度 Installation Temperature	-25°C~+70°C
工作温度 Operating Temperature	-25°C~+70°C
贮存温度 Storage Temperature	-25°C~+70°C
RoHS 2011/65/EU	Compliant

衰减 Attenuation @ 20°C max

Frequency, MHz	dB/100ft	dB/100m	Frequency, MHz	dB/100ft	dB/100m
55	0.96	3.15	1350	5.21	17.09
211	1.90	6.23	1410	5.38	17.65
250	2.05	6.72	1450	5.45	17.88
270	2.13	7.00	1602	5.67	18.60
300	2.25	7.38	1675	5.95	19.52
330	2.35	7.71	1700	6.09	19.89
350	2.42	7.94	1794	6.31	20.70
400	2.60	8.53	1800	6.32	20.73
450	2.75	9.02	2000	6.65	21.82
500	2.90	9.51	2200	6.95	22.81
550	3.04	9.97	2400	7.27	23.85
600	3.18	10.43	2550	7.47	24.51
750	3.65	11.97	2700	7.66	25.13
870	4.06	13.31	2800	7.79	25.56
1002	4.36	14.27	2900	7.91	25.96
1218	4.92	16.14	3000	8.02	26.32
1250	4.98	16.34			