

RG11 DUAL
RG11 TRI
RG11 QUAD



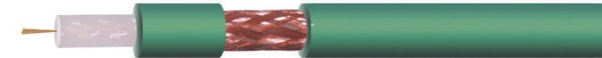
Structure	Material	RG11 DUAL	RG11 TRI	RG11 QUAD
Conductor	BC/CCS	1.63mm (14AWG, 0.064")		
Dielectric	FPE	7.11mm (0.28")		
1st Shield	Al Foil	100%, Overlap >2mm		
2nd Shield	BC or Al Braiding	30%-95%		60%
3rd Shield	Al Foil	-	100%, Overlap >2mm	
4th Shield	BC or Al Braiding	-	-	40%
Jacket PVC/PE	Outer Diameter	10.03mm (0.395")	10.16mm (0.40")	10.29mm (0.405")
	Nominal Thickness	1.07mm (0.042")	0.99mm (0.039")	0.94mm (0.037")
Messenger	Steel	1.83mm or 2.77mm		

Dielectric Adhesion		>20N/5cm	
Breaking Strength of Messenger		1.83mm 166kgf; 2.77mm 816kgf	
Impedance		75±3 Ohm	
Capacitance		50±3.0 nF/KM	
Velocity of Propagation		83±2%	
Shielding Effectiveness	55MHz	≥ 60dB	
	300MHz	≥ 70dB	
	1000MHz	≥ 70dB	
Return Loss (100% swept)	1~470MHz	≥ 22dB	
	470~1000MHz	≥ 20dB	
	1000~2200MHz	≥ 18dB	

For CATV			For Satellite	
Frequency(MHZ)	Max.(dB/100m)	Max. (dB/100ft)	Frequency(MHZ)	For Satellite Max.(dB/100m)
5	1.25	0.38	1	
55	3.15	0.96	10	0.66
83	3.86	1.18	50	1.48
187	5.72	1.74	100	3.12
211	6.22	1.90	200	4.42
250	6.71	2.05	400	6.38
300	7.38	2.25	700	9.89
350	7.93	2.42	900	14.26
400	8.54	2.60	1000	17.02
450	9.02	2.75	1200	18.34
500	9.52	2.90	1450	19.20
550	9.97	3.04	1800	21.93
600	10.42	3.18	2200	24.50
750	11.97	3.65		27.18
865	13.05	3.98		
1000	14.26	4.35		

KX6

KX8



Cable Type		KX6	KX8
Inner Conductor	Bare Copper	7x0.2 mm	7x0.4 mm
Dielectric	Solid PE	Φ3.70 mm	Φ7.25 mm
Outer Conductor Shield	Bare Copper /CCA	16x6x0.12 mm	24x8x0.10 mm
Shield Coverage		80%	80%
Sheath	PVC/FR-PVC	Φ6.15±0.20 mm	Φ10.2±0.20 mm
Sheath Colour	Green RAL6016		

Cable Type		Kx6	Kx8
Impedance		75±30hm	75±30hm
Nominal Capacitance		67±3 pF/m	67±3 pF/m
Velocity of Propagation		66%	66%
Insulation Resistance		>5000 Mohm.Km	>5000 Mohm.Km
Inner Conductor Resistance		<87.5 Ohm/Km	<22.2 Ohm/Km
Outer Conductor Resistance		<21.0/32.5 Ohm/Km	<15.5/16.5 Ohm/Km
Rated Temperature		-10℃ ~ 80℃	-10℃ ~ 80℃
Min. Bending Radius		30/60mm	50/100mm

Frequency(MHZ)	Attenuation(dB/100 m)		Attenuation(dB/100 ft)	
	KX6	KX8	KX6	KX8
10	5.0	2.9	1.5	0.88
50	8.1	4.5	2.5	1.37
100	13.0	6.6	4.0	2.01
200	18.5	10.9	5.6	3.32
400	22.5	13.8	6.9	4.21
850	34.5	23.6	10.5	7.2
950	37.5	26.8	11.4	8.17
1000	45.0	27.5	13.7	8.38

Return Loss	5-1000 MHZ	≥20dB (Kx6)
	470-3000 MHZ	≥20dB (Kx8)
	5-470 MHZ	≥25dB (Kx8)