



RG-Coaxial Cable

Product Code: RG-PVC (RG-LSZH on request)



■ APPLICATION

BENKA Coaxial Cable is suitable for all areas of electric high frequency transmission technology. Their primary fields of application are transmitting and receiving systems, industrial electronics and computer systems.

CATV transmission and data networking, Indoor and Outdoor application.



Cable Description		BENKA RG11	BENKA RG6/60	BENKA RG59
Part No.		267 0111	267 0106	267 0159
Conductor	Diameter(mm)	1.65±0.02	1.02±0.02	0.81±0.02
	Conductor Material	Copper clad steel	Copper clad steel	Copper clad steel
	Conductor Type	Solid	Solid	Solid
Dielectric	Diameter (mm)	7.15±0.05	4.6±0.05	3.7±0.05
	Dielectric Material	Gas Expanded PE	Gas Expanded PE	Gas Expanded PE
Shielding	Shielding Material	AL/PET/AL foil +96*0.12mm Al braid	AL/PET/AL foil +80*0.12mm Al braid	AL/PET/AL foil +96*0.12mm Al braid
	Braiding Coverage	≥62% (90% per request)	≥ 62% (90% per request)	≥ 62% (90% per request)
Jacket	Thickness (mm)	≥1.07	≥ 0.8	≥ 0.8
	Jacket Diameter (mm)	10.2±0.2	7.1±0.2	6.0±0.2
	Jacket Material	PVC	PVC	PVC
Weight (kg/km)		78	44	35
Color		Black	Black	Black

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Part No.		267 0111	267 0106	267 0159
Color		Black	Black	Black
Attenuation (dB/100m)	5MHz	≤1.25	≤1.87	≤2.75
	55MHz	≤3.15	≤5.25	≤6.5
	83MHz	≤3.87	≤6.4	≤8.2
	187MHz	≤5.74	≤9.35	≤11.8
	211MHz	≤6.23	≤9.43	≤12.4
	250MHz	≤6.72	≤10.24	≤13.45
	300MHz	≤7.38	≤11.25	≤14.6
	350MHz	≤7.94	≤12.00	≤15.75
	400MHz	≤8.53	≤13.12	≤16.73
	450MHz	≤9.02	≤14.04	≤17.72
	500MHz	≤9.51	≤14.80	≤18.7
	550MHz	≤9.97	≤15.62	≤19.52
	600MHz	≤10.43	≤16.34	≤20.34
	750MHz	≤11.97	≤18.54	≤22.87
	865MHz	≤13.05	≤19.99	≤24.67
1000MHz	≤14.27	≤21.46	≤26.64	
Capacitance (PF/M)		52±2.0	52±2.0	52±2.0
Return Loss(dB)	5-300MHz	≥22	≥22	≥22
	≥300MHz	≥20	≥20	≥20
Impedance (Ohms)		75±3	75±3	75±3
Operating Temperature Range (°C)		-20 to 80	-20 to 80	-20 to 80
Flame Retardant to IEC 60332-1		Yes	Yes	Yes
Standard & Approval		ROHS, SIRIM	ROHS, SIRIM	ROHS, SIRIM
Package		305M/ Reel	305M/ Reel	305M/ Reel