

RG-Coaxial Cable

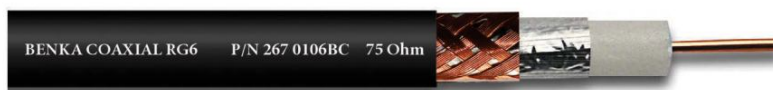
Product Code: RG(BC)-PVC (RG(BC)-LSZH on request)



■ APPLICATION

BENKA 100% bare copper conductor, copper wire braiding coverage 90% is suitable for CCTV video transmission and as a connection cable for satellite systems where lower attenuation required.

Indoor and Outdoor application.



Cable Description		BENKA RG11	BENKA RG6	BENKA RG59
Part No.		267 0111BC	2670106BC	2670159BC
Conductor	Diameter(mm)	1.65±0.02	1.02±0.02	0.81±0.02
	Conductor Material	Bare copper	Bare copper	Bare copper
	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 (2 shields)	Aluminium foil +168*0.12mm Copper Wire braid	Aluminium foil +144*0.12mm Copper Wire braid	Aluminium foil + 128*0.12 mm Copper Wire braid
	Braiding coverage (Aluminium foil)	100%	100%	100%
	Braiding coverage (Copper Wire Braid)	90%	90%	90%
Jacket	Thickness (mm)	≥1.07	≥ 0.8	≥ 0.8
	Jacket Diameter (mm)	10.2±0.2	7.1±0.1	6.0±0.1
	Jacket Material	PVC	PVC	PVC
Weight (kg/km)		79	45	36
Color		Black	Black	Black

RG(BC)-Coaxial Cable

Product Code: RG(BC)-PVC



Cable Description		BENKA RG11	BENKA RG6	BENKA RG59
Part No.		267 0111BC	2670106BC	2670159BC
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