

RG - CCS - Coaxial Cable



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.

BENKA COAXIAL RG6 P/N 267 0106 75 Ω

Cable Description		BENKA RG11	BENKA RG6	BENKA RG59
Part No.	PVC jacket	267 0111	267 0106	267 0159
	LSZH jacket	680 0111	680 0106	680 0159
Conductor	Diameter (mm)	1.65 ± 0.02	1.02 ± 0.02	0.81 ± 0.02
	Material	Copper clad steel	Copper clad steel	Copper clad steel
	Type	Solid	Solid	Solid
Dielectric	Diameter (mm)	7.15 ± 0.05	4.60 ± 0.05	3.70 ± 0.05
	Material	Gas expanded PE	Gas expanded PE	Gas expanded PE
Screen	Material	Bonded AL/PET/AL foil + aluminium braid	Bonded AL/PET/AL foil + aluminium braid	Bonded AL/PET/AL foil + aluminium braid
	Braiding coverage	≥ 60%	≥ 60%	≥ 60%
Outer sheath	Thickness (mm)	≥ 1.07	≥ 0.80	≥ 0.80
	Diameter (mm)	10.2 ± 0.2	7.1 ± 0.2	6.0 ± 0.2
	Material	PVC/LSZH	PVC/LSZH	PVC/LSZH
	Color	Black/Orange	Black/Orange	Black/Orange

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Part No.	PVC jacket	267 0111	267 0106	267 0159
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Attenuation (dB/100m)	5MHz	≤ 1.25	≤ 2.12	≤ 2.82
	55MHz	≤ 3.15	≤ 5.25	≤ 6.73
	83MHz	≤ 3.87	≤ 6.40	≤ 8.20
	187MHz	≤ 5.74	≤ 9.35	≤ 11.80
	211MHz	≤ 6.23	≤ 10.00	≤ 12.47
	250MHz	≤ 6.72	≤ 10.82	≤ 13.45
	300MHz	≤ 7.38	≤ 11.25	≤ 14.60
	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	≤ 18.70
	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	52 ± 2	52 ± 2
Return loss (dB)	5-300MHz	≥ 22	≥ 22	≥ 22
	≥ 300MHz	≥ 20	≥ 20	≥ 20
Impedance (Ω)		75 ± 3	75 ± 3	75 ± 3
Rated temperature		-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Smoke density		IEC 61034-2 (LSZH sheath)		
Halogen free		IEC 60754-1 (LSZH sheath)		
Flame retardant		IEC 60332-1, UL1685		
Standard & Approval		RoHS, SIRIM, SCTE		