






CABLE CONSTRUCTION

75 Ohms Foam Polyethelene Coaxial Cable Includes Two type: Braiding Shield Type and Tube Shield Type. The Braiding Shield Type: Rg59, Rg6, Rg7, Rg11, -412, 500, -540 ETC. The Aluminum Tube Shield Type: -412, -500, -540 ETC.

CABLE	DESCRIPTION
 <p>STANDARD SHIELD</p>	PVC Jacket, Aluminum or Tinned Copper Wire Braided Shield, Bonded Aluminum Foil Shield, Foamed PE Dielectric, Inner Conductor.-
 <p>TRI-SHIELD</p>	PVC Jacket, APA Foil Shield, Aluminum or Tinned Copper Wire Braided Shield, Bonded Aluminum Foil Shield, Foamed PE Dielectric, Inner Conductor.-
 <p>QUAD-SHIELD</p>	PVC Jacket, Aluminum or Tinned Copper Wire Braided Shield, APA Foil Shield, Aluminum or Tinned Copper Wire Braided Shield, Bonded Aluminum Foil Shield, Foamed PE Dielectric, Inner Conductor.-
 <p>FLOODED</p>	PVC Jacket, Flooding compound / APD Jelly, Aluminum or Tinned Copper Wire Braided Shield, Bonded Aluminum Foil Shield, Foamed PE Dielectric, Inner Conductor.-
 <p>MESSENGERED</p>	PVC Jacket, Aluminum or Tinned Copper Wire Braided Shield, Bonded Aluminum Foil Shield, Foamed PE Dielectric, Inner Conductor, Steel Messenger.-
	PVC Jacket, Aluminum Tube, Foamed PE Dielectric, Inner Conductor.-
	PVC Jacket, Aluminum Tube, Foamed PE Dielectric, Inner Conductor, Steel Messenger.-

* Our R&D Dpt can design cable according clients requirement



PHYSICAL DIMENSIONS

	RG59	RG6	RG11	412	500	540	750
Inner Conductor	0.81±0.02	1.02±0.02	1.63±0.05	2.15±0.03	2.77±0.03	3.15±0.04	3.50±0.04
Dielectric	3.70±0.05	4.57±0.05	7.11±0.25	9.00±0.25	11.5±0.30	13.0±0.40	15.0±0.40
Outer Conductor <	4.7	5.80	8.30	10.30	12.80	14.00	16.00
Jacket	5.90±0.30	6.90±0.30	10.3±0.30	12.2±0.40	15.0±0.40	15.3±0.40	18.5±0.40
Kg / Km	32	40	90	93	142	190	229

ELECTRICAL CHARACTERS

	RG59	RG6	RG11	412	500	540	750
Impedance()	75±3	1.02±0.02	75±2.5	75±2.5	75±2.0	75±2.0	75±2.0
Capacitance (pf/m)	52±3	4.57±0.05	52±2.5	52±3	52±3	52±3	52±3
Echo Loss (>dB)	VHF	20		20			
	UHF	20		18			

ATTENUATION (20°C, ≤ dB/100m)

	RG59	RG6	RG11	412	500	540	750
55Mhz	6.73	5.25	3.15	2.3	1.9	1.8	1.6
300Mhz	14.60	11.64	7.38	5.1	4.3	4.0	3.5
330Mhz	15.60	12.30	7.90	5.2	4.8	4.2	3.6
400Mhz	16.73	13.61	8.53	5.7	5.05	4.7	3.9
450Mhz	17.72	14.43	9.02	6.8	5.67	5.1	4.3
550Mhz	19.52	16.08	9.97	8.1	6	6.2	5.4
750Mhz	22.87	18.54	11.97	9.3	7.4	7	6.6
870Mhz	25.70	20.06	13.50	10.1	8.1	7.8	7.0
1000Mhz	26.64	21.49	14.27	12	9.2	8.3	7.9
1450Mhz	—	27.10	17.78	—	—	—	—
1750Mhz	—	30.50	21.01	—	—	—	—
2150Mhz	—	33.50	27.30	—	—	—	—

* Standard construction: ccs conductor, gas injected PE, AL foil/bonded AL foil, AL wire braiding shield, PVC or jacket(color white, black).-
Other item: copper conductor, solid PE insulation.-