

Ficient Int'l Co., Limited

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Product Catalog

RG7



>> BASIC CONSTRUCTION

		STANDARD SHIELD	TRI-SHIELD	QUAD-SHIELD
CONDUCTOR	MATERIAL	BC/CCS	BC/CCS	BC/CCS
	Nom.Dia.	16AWG(1.31mm)	16AWG(1.31mm)	16AWG(1.31mm)
DIELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	Nom.Dia.	5.72mm	5.72mm	5.72mm
SHIELD	MATERIAL	Al foil+Al braiding	Al foil+Al braiding+Al foil	(Al foil+Al braiding)*2
	COVERAGE	40%~95%	40%~95%	60%/40%
JACKET	MATERIAL	PVC/PE	PVC/PE	PVC/PE
	Nom.Thick.	0.78mm	0.81mm	0.86mm
	Nom.Dia.	8.08mm	8.20mm	8.59mm

>> BASIC CHARACTERISTICS

Nominal Impedance(ohm)		75 ± 3	
Nominal Velocity of Propagation(%)		85	
Nominal Capacitance(pF/m)		50	
Sparker Test(VAC)		4000	
SRL(dB)		20	20
Attenuation [68° F(20°C)]	Frequency(MHz)	Maximum(dB/100ft)	Maximum(dB/100m)
	5	0.47	1.54
	55	1.25	4.1
	187	2.56	8.4
	300	2.82	9.25
	450	3.46	11.35
	600	4.05	13.28
	750	4.57	14.99
	865	4.93	16.17
	1000	5.32	17.45

