

RG59 + POWER CABLE + CAT5E



PHYSICAL DIMENSIONS

COMPONENT	RG59+POWER		CAT5E
CONDUCTOR	Material Dia. (mm)	CCS/BC 0.80±0.01	BC 0.50±0.01
DIELECTRIC	Material Dia. (mm)	Foam PE 3.70±0.10	HDPE 0.90±0.03
SHIELDING	Material Coverage	BC/CCA Braid 95%	No
INNER JACKET	Material Dia. (mm)	PVC 6.0±0.10	PVC 5.0±0.10
POWER PAIR	Material Dia. (mm)	BC 16/24x0.2	No
OUTER JACKET	Material Thickness (mm)	PVC 100±0.10	

ELECTRICAL CHARACTERISTICS

IMPEDANCE (Ω)	75±3	100±15
VELOCITY OF PROPAGATION	83%	69%
CAPACITANCE(PF/M)	53.4	5.6

NOMINAL ATTENUATION [@ 68° F. (20° C)]

RG59

CAT5E

FREQUENCY	ATTENUATION	FREQUENCY	ATTENUATION
(MHZ)	(DB/100M)	(MHZ)	(DB/100M)
10	2.95	1.0	2.0
50	6.23	4.0	4.1
200	8.53	10.0	6.5
200	12.1	20.0	9.3
400	17.5	25.0	10.4
700	24.0	31.25	11.7
900	27.3	62.5	17.0
1000	29.0	100	20.1