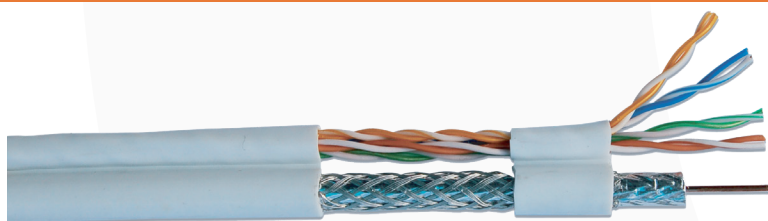


RG59+ CAT5E



PHYSICAL DIMENSIONS

COMPONENT	RG59	CAT5E
CONDUCTOR Material Dia. (mm)	CCS/BC 0.81±0.01	BC 0.50±0.01
DIELECTRIC Material Dia. (mm)	Foam PE 3.70±0.10	HDPE 0.90±0.03
SHIELD Material Coverage	Al Foil + Al Braid 95%	NO
JACKET Material Dia. (mm)	PVC 6.0±0.10	PVC 5.0±0.10

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

MINIMUM BREAKING STRENGTH OF MESSANGER	166kgf
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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
100	8.53	10.0	6.5
200	12.14	20.0	9.3
400	16.73	25.0	10.4
700	22.03	31.25	11.7
900	24.74	62.5	17.0
1000	26.64	100	20.1