

Coaxial Cable



RG59 SV-030002



APPLICATION

TEST IS EXECUTED ON THE SAMLE DRAWN AT RANDOM, DETAILS ARE AS FOLLOWS:
 PRODUCT DESCRIPTION: BONDED LAMINATED ALUMINUM TAPE, 67% BRAID
 PVC JACKET CENTER CONDUCTOR: 0.81mm COPPER COVERED
 STEEL DIELECTRIC: GAS EXPANDED POLYTHYLENETHE FIRST SHIELD: LAMINATED ALUMINUM TAPE
 BONDED TO DIELECTRIC THE SECOND SHIELD: 95% COVERAGE ALUMINUM
 BRAID WIRE
 JACKET: PVC

CABLE CONSTRUCTION

NORMINAL CENTRAL CONDUCTOR DIA	:	0.81CCS+/-0.01mm
NORMINAL INSULATION DIA	:	3.66FPE+/-0.10mm
NORMINAL JACKET DIA	:	6.1+/-0.2mm
NORMINAL CAPACITANCE	:	50+/-3pF/m
NORMINAL IMPEDANCE	:	75+/-3 Ohm
VELOCITY OF PROPAGATION	:	85%
RETURN LOSS	:	≥20dB
INSULATION RESISTANCE (20 °C)	:	MΩ • km ≥5000
DIELECTRIC STRENGTH(CONDUCTOR TO SHIELD)	:	≥1.6 kV
ATTENUATION TESTED AT	:	68 °F(20 °C)
TESTED AT LENGTH	:	100m

ELECTRICAL CHARACTERISTIC		
ATTENUATION (@20 °C)		
FREQUENCY MHz	dB/100ft (MAX)	dB/100m (MAX)
55	1.61	5.30
211	3.05	10.00
500	4.66	15.30
750	5.65	18.55
865	6.14	20.15
1000	6.56	21.52
1450	7.99	26.20

