

# Coaxial Cable



## RG6 SV-010002



### APPLICATION

TEST IS EXECUTED ON THE SAME DRAWN AT RANDOM, DETAILS ARE AS FOLLOWS:  
 PRODUCT DESCRIPTION: BONDED LAMINATED ALUMINUM TAPE, 67% BRAID  
 PVC JACKET CENTER CONDUCTOR: 1.02mm COPPER COVERED STEEL  
 DIELECTRIC: GAS EXPANDED POLYTHYLENE THE FIRST SHIELD: LAMINATED ALUMINUM TAPE  
 BONDED TO DIELECTRIC THE SECOND SHIELD: 90% COVERAGE ALUMINUM  
 BRAID WIRE  
 JACKET: PVC

### CABLE CONSTRUCTION

NORMINAL CENTRAL CONDUCTOR DIA	:	1.02CCS+/-0.01mm
NORMINAL INSULATION DIA	:	4.57FPE+/-0.10mm
NORMINAL JACKET DIA	:	6.86+/-0.20 mm
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

