

# RG11 STANDARD WITH MESSENGER

## 1) Physical Dimensions

Center Conductor: ..... 1.63+0.01mm Copper Clad Steel  
 Dielectric: ..... 7.11+0.05mm Foam PE  
 Shield: ..... Bonded AL Foil 100%  
 Braid Coverage:..... 60%X16X5X0.16+0.005mm AL Wire  
 Jelly: ..... YES  
 Jacket: ..... 10.16+0.05mm PVC  
 Messenger: ..... 2.66+0.01mm Galvanized Steel  
 Jacket: ..... 4.30+0.05mm PE



## 2) Mechanical Characteristics

Operating Temperature Range:..... 20°C To +75°C  
 Max. Recommended Pulling Tension:..... 97 lbs  
 Min. Bend Radius (Install):..... 13 cm

## 3) Electrical Characteristics

Sparker Test: ..... 4000 VAC  
 Impedance: ..... 75+3Ω  
 Capacitance: ..... 54+3pF/m  
 Velocity of Propagation:.... 85%

## 4) Attenuation

Attenuation		[ @68°F .(20)°C ]	
Frequency (MHz)	Max. (dB/100 m)	Frequency (MHz)	Max. (dB/100 m)
55	3.15	450	9.02
83	3.87	500	9.51
187	5.74	550	9.97
211	6.23	600	10.43
250	6.72	750	11.97
300	7.38	865	13.05
350	7.94	1000	14.27
400	8.53		

## 5) Approval:

