

PRODUCT : RG11 Standard Shield

1: DESCRIPTION:

14AWG CCS inner conductor, Gas injected Foam PE insulation, Bonded Aluminum Foil shield, plus 60% Al-Mg wires braid shield, with Jelly/APD Flood, PVC or PE Jacket, with solid 1.83mm steel messenger or without.

2: CONSTRUCTION

Item	RG11 CCS	RG11M CCS
Inner Conductor	C.C.S 1.63mm	
Insulation	Foam PE 7.11mm	
Shield (1st Foil)	Bonded Aluminum Foil	
Shield (1st Braid)	60% Al-Mg wire	
Jelly/APD	Jelly / APD flood	
Jacket (Material)	PVC or PE	
Jacket (OD)	10.15mm	10.15*3.5mm
Messenger	- - -	1.83mm Steel

Remark: C.C.S = Copper Clad Steel



Standard



Messenger

3: ELECTRICAL PROPERTIES (@20°C)

- 2-1 CAPACITANCE : 53+/-2 pF/m
2-2 IMPEDENCE : 75±3Ω
2-3 Nominal Velocity of Propagation :85%
2-4 ATTENUATION (dB/100m): (fig.1)
2-5 RETURN LOSS : (fig.2)

ATTENUATION @20°C (fig.1)

Frequency (MHz)	Nom. Atteuation (dB/100m)
50	3.00
100	4.10
211	6.00
470	9.00
550	10.15
750	11.90
860	12.70
1000	13.40

RETURN LOSS (fig.2)

Frequency (MHz)	Return Loss (dB)
VHF (50~470)	≥25
UHF (470~1000)	≥22
UHF (1000~2400)	≥20

4: APPROVALS

