

PRODUCT : RG11 Standard Shield, Tri Shield, Quad Shield

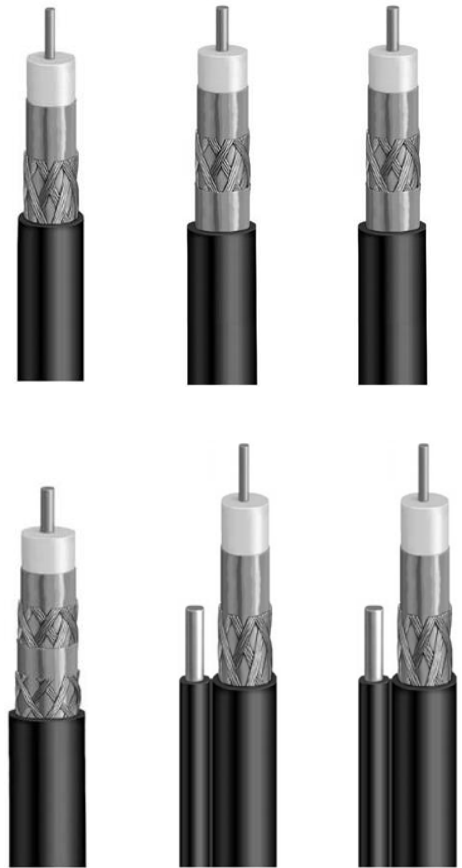
1: CONSTRUCTION

Item	Standard Shield	Tri-Shield	Quad Shield
Inner Conductor	BC 1.63mm		
Insulation	Gas Injected Foam PE 7.11mm		
Shield (1st Foil)	Bonded Aluminum Foil		
Shield (1st Braid)	60% Al-Mg wire 6*16*0.16mm	77% Al-Mg wire 8*16*0.16mm	60% Al-Mg wire 6*16*0.16mm
Shield (2nd Foil)	--	Unbonded Aluminum Foil	
Shield (2nd Braid)	--	--	40% Al-Mg wire 4x16x0.16mm
Jacket (OD)	10.15mm PVC	10.30mm PVC	10.80mm PVC
Messenger(optimal)	1.83mm Steel	1.83 / 2.11mm Steel	
Jelly/APD (optimal)	Per customer's special requirement		

Remark: BC = Bare Copper

2: ELECTRICAL PROPERTIES (@20°C)

- 2-1 CAPACITANCE : 53+/-2 pF/m
- 2-2 IMPEDENCE : 75±3Ω
- 2-3 DC RESISTANCE (INNER) : 8.3Ω
- 2-4 Nominal Velocity of Propagation 85%
- 2-5 ATTENUATION (dB/100m): (fig.1)
- 2-6 RETURN LOSS : (fig.2)



ATTENUATION @20°C (fig.1)

	Standard Shield	Tri Shield	Quad Shield
Frequency (MHz)	Nom Atteuation (dB/100m)		
5	1,10	1,10	1,10
50	2,75	2,75	2,75
100	3,90	3,90	3,85
200	5,80	5,80	5,70
470	8,70	8,70	8,60
550	9,70	9,70	9,60
860	12,10	12,10	12,00
1000	13,10	13,10	13,00

RETURN LOSS (fig.2)

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