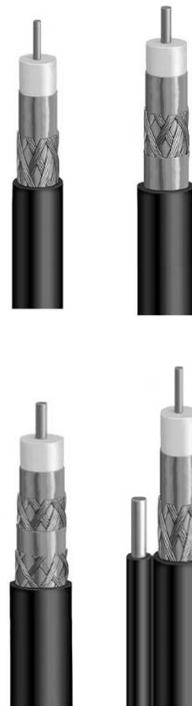


PRODUCT : Series RG6 Standard Shield, Tri Shield, Quad Shield - BC

1: CONSTRUCTION

Item	Standard Shield	Tri-Shield	Quad Shield
Inner Conductor	1.02mm BC	1.02mm BC	1.02mm BC
Insulation	Gas Injected Foam PE 4.57mm		
Shield (1st Foil)	Bonded Aluminum Foil		
Braid (1st Braid)	60% Al-Mg wire 4*16*0.16mm	60% Al-Mg wire 4*16*0.16mm	60% Al-Mg wire 5*16*0.12mm
Shield (2nd Foil)	--	Unbonded Aluminum Foil	
Braid (2nd Braid)	--	--	40% Al-Mg wire 4*16*0.12mm
Outer Jacket	6.91mm PVC	7.06mm PVC	7.54mm PVC
Messenger(optional)	1.16mm Steel	1.30mm Steel	
Jelly/APD (optional)	Available per customer's requirement		

*REMARKS: BC = Bare Copper
Construction & materials changeable upon request.*



2: ELECTRICAL PROPERTIES (@20°C)

- 2-1 CAPACITANCE : 53+/-2 pF/m
- 2-2 IMPEDENCE : 75±3Ω
- 2-3 DC RESISTANCE (INNER) : 21.3Ω
- 2-4 Nominal Velocity of Propagation : 82%
- 2-5 ATTENUATION (dB/100m): (fig.1)
- 2-6 RETURN LOSS : (fig.2)

ATTENUATION @20°C (fig.1)

Frequency (MHz)	Standard Shield	Tri Shield	Quad Shield
	Nom Atteuation (dB/100m)		
5	1.90	1.90	1.90
50	4.70	4.70	4.65
100	5.50	5.50	5.40
200	8.60	8.55	8.50
470	11.30	11.20	11.15
550	14.30	14.10	14.05
860	19.80	19.60	19.50
1000	20.60	20.40	20.30

RETURN LOSS (fig.2)

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