

PRODUCT : series RG6 Standard Shield, Tri Shield, Quad Shield

1: CONSTRUCTION

RG 6 series	Standard shield	Tri-shield	Quad-shield	Other Type
Inner Conductor	1.024mm (18AWG) Solid Copper Clad Steel			
Insulation	Gas Injected Foam PE 4.57mm			
Shield (1st Foil)	Bonded Aluminum Foil			
Braid (1st Braid)	95% Al-Mg wires			
Shield (2nd Foil)	--	Unbonded Aluminum Foil		
Braid (2nd Braid)	--	--	40%~90% Al. wire	
Jacket (Sheath)	PVC (FR, UV, available PE, LSF, LSZH)			
Outer Jacket	6.91mm	7.06mm	7.54mm / 7.30mm	
Messenger(optinal)	1.16mm / 1.30mm Steel or CCS			
Jelly/APD (optinal)	Available per customer's requirement			

REMARKS: BC = Bare Copper, C.C.S = Copper Clad Steel
Construction & materials changeable upon request.

2: 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)
- 2-6 SPARKER: VAC 4000; Dielectric strength VAC 2500

RETURN LOSS (fig.2)	
Frequency (MHz)	Return Loss (dB)
VHF (5~470)	≥25
UHF (470~1000)	≥22
UHF (1000~3000)	≥20

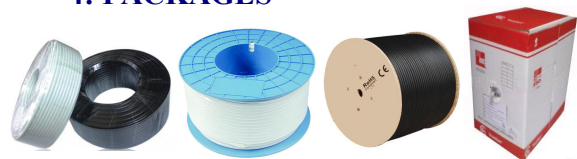
ATTENUATION @20°C (fig.1)

Frequency (MHz)	Nom. Atteuation (dB/100m)
5	1.85
50	4.50
100	6.20
200	8.90
470	13.80
550	15.20
860	19.20
1000	20.60
1800	28.90
2150	31.50
2500	34.20
3000	38.40

3: CERTIFICATES



4: PACKAGES



4: RELATED CONNECTORS



Twist-on
Crimp
Compression