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PRODUCT: RG-11U Standard / Tri / Quad Shield

Item	Standard Shield	Tri-Shield	Quad Shield
Inner Conductor	BC or C.C.S	1.63mm (14AWG)	
Insulation	Gas Injected Foam	PE	7.11mm
Shield (1st Foil)	Bonded Aluminum Foil		
Braid (1st Braid)	60% Al-Mg wire		
Shield (2nd Foil)	--	Unbonded Aluminum Foil	
Braid (2nd Braid)	--	--	40% Al-Mg wire
Jacket (Sheath)	PVC (FR, UV)	(Available PE, LSF, LSZH)	
Outer Jacket	10.15mm	10.30mm	10.80mm
Messenger(optional)	1.83 / 2.11mm Steel		
Jelly/APD (optional)	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)

ATTENUATION @20°C (fig.1)

Frequency (MHz)	Standard Shield			Tri Shield			Quad Shield		
	Nom	Attenuation	(dB/100m)	Nom	Attenuation	(dB/100m)	Nom	Attenuation	(dB/100m)
50	3.00			3.00			3.00		
100	4.10			4.10			4.10		
211	6.00			6.00			6.00		
470	9.00			9.00			8.95		
550	10.15			10.15			10.10		
750	11.90			11.90			11.85		
860	12.70			12.70			12.60		
1000	13.40			13.40			13.20		

RETURN LOSS (fig.2)

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

4: RELATED CONNECTORS



3. APPROVALS

