



SHG CABLE LTD

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QR540 / QR540 M

WELD AL-TUBE

75 OHMS TRUNK COAXIAL CABLE

TRUNK CABLE



1 : CONSTRUCTION

- 1-1 INNER CONDUCTOR :
COPPER CLAD ALUMINUM
NOMINAL DIAMETER: 3.15MM
- 1-2 DIELECTRIC
GAS INJECTED FOAM PE
NOMINAL DIAMETER: 13.03MM
- 1-3 SHIELD
WELD ALUMINUM
NOMINAL THICKNESS: 0.345MM
- 1-4 OUTER JACKET
PE JACKET
NOMINAL DIAMETER: 15.49MM
- 1-5 MESSENGER
STEEL, NOMINAL DIAMETER: 2.77MM
MINIUM BREAKING STRENGTH: 816KG



2 : ELECTRICAL PROPERTIES(20°C)

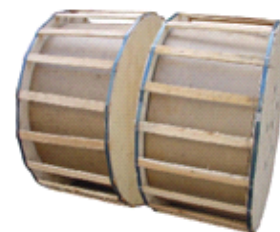
- 2-1 CAPACITANCE : 50±2pF/m
- 2-2 IMPEDENCE : 75±2Ω
- 2-3 Velocity of Propagation : 88%
- 2-4 RETURN LOSS : (fig.1)
- 2-5 ATTENUATION (dB/100m) : (fig. 2)

RETURN LOSS (fig.1)

Frequency (MHz)	Specification (dB)
VHF (50~470)	25
UHF (470~1000)	23

ATTENUATION (fig.2)

Frequency (MHz)	Attenuation (dB/100m)	Attenuation (dB/100ft)
5	≤0.46	≤0.14
55	≤1.54	≤0.47
211	≤3.12	≤0.95
400	≤4.33	≤1.32
550	≤5.12	≤1.56
750	≤6.07	≤1.85
865	≤6.56	≤2.00
1000	≤7.12	≤2.17



Package: Wood Drum

3: RELATED PRODUCTS FOR QR540



Pin Connector



Splice Connector



Coring Tools