



SHG CABLE LTD

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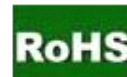
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P3 500JCA / P3 500JCAM109

SOLID SEAMLESS AL-TUBE

75 OHMS TRUNK COAXIAL CABLE

TRUNK CABLE



1 : CONSTRUCTION

- 1-1 INNER CONDUCTOR :
COPPER CLAD ALUMINUM
NOMINAL DIAMETER: 2.77MM
- 1-2 DIELECTRIC
GAS INJECTED FOAM PE
NOMINAL DIAMETER: 11.40MM
- 1-3 SHIELD
SOLID ALUMINUM TUBE
NOMINAL THICKNESS: 0.61MM
- 1-4 OUTER JACKET
PE JACKET
NOMINAL DIAMETER: 14.30MM
- 1-5 MESSENGER
STEEL, NOMINAL DIAMETER: 2.77MM
MINIUM BREAKING STRENGTH: 816KG



2 : ELECTRICAL PROPERTIES(20℃)

- 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	≤0.52	≤0.16
55	≤1.77	≤0.54
211	≤3.58	≤1.09
400	≤5.02	≤1.53
550	≤5.97	≤1.82
750	≤7.09	≤2.16
865	≤7.66	≤2.34
1000	≤8.27	≤2.52



Package: Wood Drum

3: RELATED PRODUCTS FOR P3 500



Pin Connector



Splice Connector



Coring Tools