



HANGZHOU FOB ELECTRONIC CO.,LTD

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Cable Type: RF 7/8" S Coaxial Cable 50 Ohm



Physical Dimensions

Construction	Detail Specification
Conductors	9.35 mm Bare Copper
Dielectric	22.00 mm Foamed PE
Braid	24.90 corrugated copper tube
Outer Jacket	27.00 mm PE

Minimum Bending Radius (mm)

Single Bending	80
Repeated Bending	125
Mobile Application	400

Electrical Characteristics

Characteristic Impedance	50±2 Ohm
Nominal Capacitance	75pF/m
Nominal Velocity of Propagation	88%
Jacket spark-test	4KV
Inner Conductor DC Resisitance \leq (Ω /KM) @20 °C	2.70
Outer Conductor DC Resisitance \leq (Ω /KM) @20 °C	1.19

Attenuation[@20°C]

Frequency (Mhz)	Maximum(dB/100Ft)	Maximum(dB/100M)
100	0.40	1.30
200	0.57	1.87
300	0.71	2.32
450	0.88	2.88
800	1.20	3.94
900	1.29	4.22
1000	1.36	4.46
1500	1.71	5.60
1800	1.89	6.21
2000	2.01	6.59
2500	2.29	7.50
3000	2.55	8.35