



HANGZHOU FOB ELECTRONIC CO.,LTD

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Cable Type: RF 1/2" Coaxial Cable 50 Ohm



Physical Dimensions

Construction	Detail Specification
Conductors	4.80 mm Bare Copper
Dielectric	12.0 mm Foamed PE
Braid	13.80 corrugated copper tube
Outer Jacket	15.80 mm PE

Minimum Bending Radius (mm)

Single Bending	70
Repeated Bending	125
Mobile Application	350

Electrical Characteristics

Characteristic Impedance	50±2 Ohm
Nominal Capacitance	76pF/m
Nominal Velocity of Propagation	88%
Jacket spark-test	4KV
Inner Conductor DC Resisitance ≤ (Ω/KM) @20 °C	1.48
Outer Conductor DC Resisitance ≤ (Ω/KM) @20 °C	1.90

Attenuation[@20°C]

Frequency (Mhz)	Maximum(dB/100Ft)	Maximum(dB/100M)
100	0.66	2.17
200	0.95	3.10
300	1.17	3.83
450	1.45	4.75
800	1.97	6.46
900	2.10	6.87
1000	2.22	7.28
1500	2.77	9.09
1800	3.08	10.10
2000	3.26	10.70
2500	3.69	12.10
3000	4.09	13.40