

Technical specification/ Data sheet

Coaxial cable: Y611C-64 100W

Features	
Coax Type:	Y611C-64 100W
Packaging:	100M/Coil, 6 Rolls/Carton

Materials		
1. Conductor	Nominal O.D.:	1.13±0.01mm
	Material:	Bare Copper
2. Adhesive	Material:	EAA
3. Dielectric	Nominal O.D.:	5.0±0.1mm
	Material:	GAS INJECTED FOAM PE
4. Foil Shield	Coverage:	100%
	Material:	Al/P Foil
5. Braid Shield	Wire Count:	4*15, 0.12±0.005mm
	Material:	TINNED COPPER
6. Jacket	Color:	WHITE with Violet Streak
	Nominal O.D.:	8.8±0.20mm
	Material:	PVC

Electrical Characteristics @ 20°C	
Impedance:	75±3 Ω
Capacitance:	52±3.0pF/m
Velocity of Propagation:	≈ 83%
Nom. Conductor DC Resistance:	≈ 19Ω/km
Swept Tested:	5M~2-1000MHz

Nominal Structural Return Loss	Frequency	<i>Note: No more than 3 spikes should be accepted from 1MHz to 1000MHz. These spikes shall be no less than 18dB</i>
	5~1000 MHz	

Maximum Attenuation	Frequency (MHz)	dB/100m
	55	≈ 4.55dB
	100	≈ 5.88dB
	211	≈ 9.22dB
	450	≈ 13.80dB
	550	≈ 15.02dB
	750	≈ 16.8dB
	870	≈ 17.54dB
1000	≈ 19.0dB	