

# Technical specification/ Data sheet

Coaxial cable:

**Y611-96 100W**

Features	
Coax Type:	Y611-96 100W
Packaging:	100M/Coil, 6 Rolls/Carton

Materials		
1. Conductor	Nominal O.D.:	1.13±0.01mm
	Material:	CCS
2. Adhesive	Material:	EAA
3. Dielectric	Nominal O.D.:	4.9±0.1mm
	Material:	GAS INJECTED FOAM PE
4. Foil Shield	Coverage:	100%
	Material:	AL/P Foil
5. Braid Shield	Wire Count:	6*16, 0.12±0.005mm
	Material:	ALUMINUM MAGNESIUM ALLOY
6. Jacket	Color:	WHITE with Blue Streak
	Nominal O.D.:	6.8±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:	≅ 83Ω/km
Swept Tested:	5MHz-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	
	≥18 dB	

Maximum Attenuation	Frequency (MHz)	dB/100m
	55	≅ 4.8dB
	100	≅ 5.84dB
	211	≅ 9.20dB
	450	≅ 14.03dB
	550	≅ 15.58dB
	750	≅ 17.10dB
	870	≅ 19.64dB
	1000	≅ 20.05dB