

Product Specification

OBJECT		Coaxial Cable		
GRADE		RG-11/U LSZH		
Construction				
Inner conductor	Material	Copper		
	Diameter, mm	1.63±0.01		
Insulation	Material	Foam PE covered by dielectric adhesive		
	Diameter, mm	7.11±0.1		
Shield	First	Bonded APA Foil 7.29		Attenuation at 20 celsius
	Second	Aluminum Braid 80% or 90%		
	Third	Bonded APA Foil		
Jacket	Material	LSZH black		
	Thickness, mm	0.74±0.02		
	Diameter, mm	10.1±0.1		
Messenger	Material	/		
	Diameter, mm	/		
Mechanical Properties				
Minimum Breaking Strength of Messenger, KgF		816	350 MHz	7.94 dB ↓
			400 MHz	8.30 dB ↓
Pulling Strength, N		1000	450 MHz	9.02 dB ↓
Min Bending Radius, mm		200	550 MHz	9.97 dB ↓
Electrical Properties				
Impedance, Ω		75±3	600 MHz	10.43 dB ↓
Capacitance, nF/km		50±3	750 MHz	11.97 dB ↓
propagation Velocity,		85	865 MHz	13.05 dB ↓
Nominal Capacitance		53Pf/m	1218 MHz	14.27 dB ↓
Insulation Resistance, MΩ.km		>10000	Return Loss, dB	
			5-1218MHz	≥20



Figure: RG-11/U