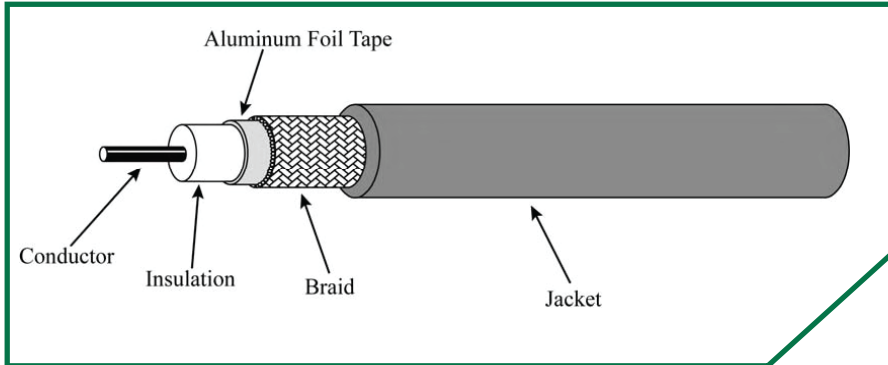


Part Number: PL-RG6OPxx

**DRAWING:**



**Index by Part Number:**

Part Number	Description
PL-RG6OP3	BC Conductor
PL-RG6OP3S	CCS Conductor

**Technical Characters:**

CONDUCTOR:	
Number of Coax	1
Material / Size	18AWG / CCS or Bare Copper
Nominal Conductor Diameter	1.02 mm
INSULATION:	
Material	Foam Polyethylene(Foam PE)
Nominal Diameter	3.75 mm
OUTER SHIELD:	
Foil	Aluminum Foil Tape
Braiding	Aluminum / 96*0.12mm
OUTER JACKET:	
Material	Polyvinyl Chloride(PVC)
Overall Nominal Diameter	6.50 mm

Part Number: PL-RG6OPxx

**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +70°C
Max. Recommended Pulling Tension	104 lbs.
Min. Bend Radius (Install)	63.5 mm

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	75 +/-3 Ohms	
Nom. Inductance	0.32 µH/m	
Nom. Capacitance Conductor to Shield	53.1 pF/m	
Nominal Velocity of Propagation	83 %	
Nominal Delay	3.94 ns/m	
Nom. Conductor DC Resistance @ 20 °C	44.5 Ohms/305 m	
Nominal Outer Shield DC Resistance	12 Ohms/305 m	
Typical Structural Return Loss(5-1000 MHz) :	20 dB	
Max. Attenuation	Frequency (MHz)	Max. Attenuation (dB/30 m)
	5	0.89
	55	1.95
	211	3.59
	270	4.05
	300	4.27
	350	4.64
	400	4.88
	450	5.30
	550	5.90
	750	6.96
	870	7.54
1000	8.09	