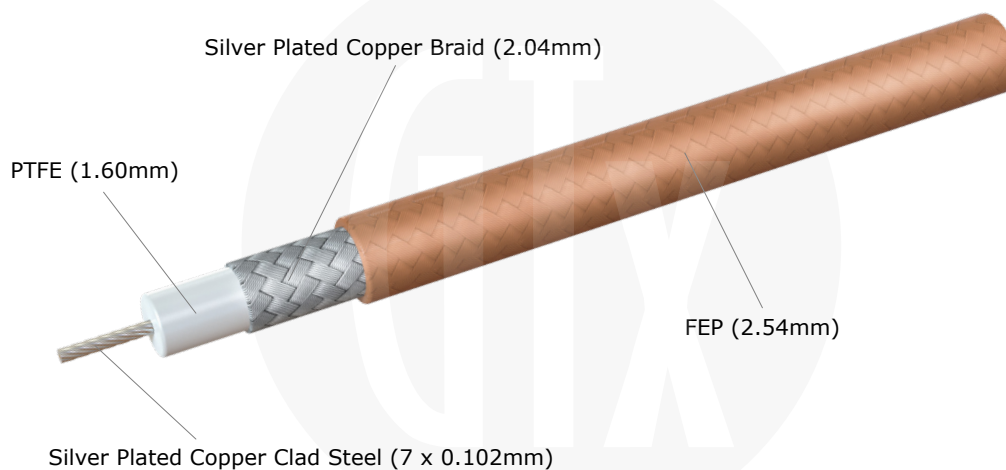


RG179 Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.102mm)
Dielectric	PTFE (1.60mm)
Shield	Silver Plated Copper Braid (2.04mm)
Jacket	FEP (2.54mm)

ELECTRICAL SPECIFICATION

Impedance	75 Ohms
Max. Frequency	DC to 3 GHz
Capacitance	63.65 pF/m
Velocity of Propagation	70%
Voltage Withstanding	3000V RMS Maximum
Attenuation (dB/100m)	$(K1 * \sqrt{\text{freq. (MHz)}}) + (K2 * \text{freq. (MHz)})$
K1 (100m)	2.624
K2 (100m)	0.003936

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	10mm
Bending Radius (flexing)	30mm
Weight	15 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +200 degrees C