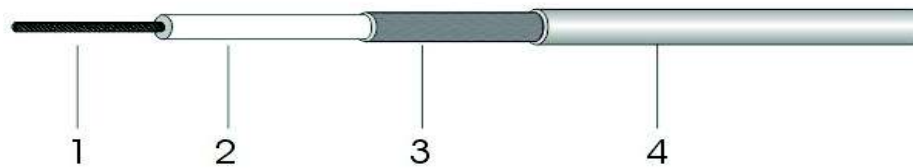


Product Specification

RG401 Plenum, Low Loss, Low PIM Coax Cable



1 Product Structure

Designation	Material	Diameter (mm)
1 Inner Conductor	Silver plated copper	1.63±0.02
2 Dielectric	PTFE	5.27±0.1
3 Outer Conductor	Tinned soaked copper braid	Nom. 6.2
4 Jacket	FEP(blue)	7.0±0.2

2 Electrical Specifications

Impedance	50 Ohm
Capacitance (pF/m)	Nom. 95
Velocity (%)	70
Shielding Effectiveness (dB)	100
LOW PIM (dBc)	≤-117@900~1800MHz
VSWR (dB)	≤1.1@0~3G, ≤1.15@3~6G

3 Attenuation@20°C and Power

Frequency (MHz)	Attenuation (dB/100ft)	Power (KW)
150 MHz	3.05	2.19
450 MHz	5.49	1.27
900 MHz	7.93	0.89
2000 MHz	12.20	0.60
2500 MHz	13.42	0.54
5800 MHz	24.40	0.35

4 Mechanical Specifications

Min Bend Radius	30 mm
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5 Environment Specifications

Operating Temperature	-55°C ~ +125°C
RoHS	Compliant
Fire Performance	Flame Retardant, Plenum Rated