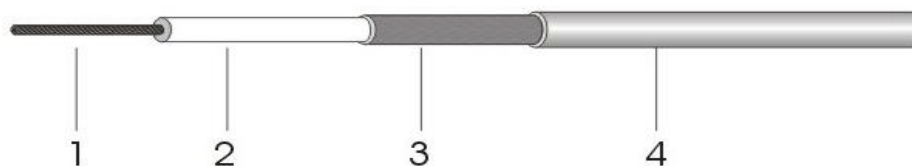


RG401 Plenum, Low Loss, Low PIM Coax Cable



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)	$\leq -117 @ 900 \sim 1800 \text{ MHz}$
VSWR (dB)	$\leq 1.1 @ 0 \sim 3 \text{ G}$, $\leq 1.15 @ 3 \sim 6 \text{ G}$

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