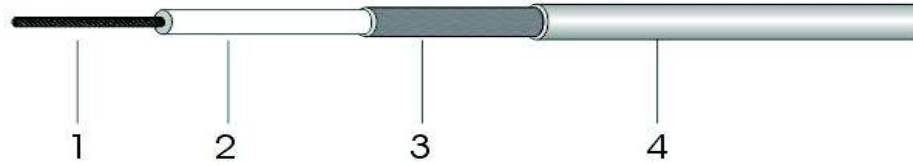


# Product Specification

## RG402 Plenum Rated, Low PIM Coax Cable



### 1 Product Structure

Designation	Material	Diameter (mm)
1 Inner Conductor	Silver plated copper	0.93±0.02
2 Dielectric	PTFE	2.98±0.05
3 Outer Conductor	Tinned soaked copper braid	Nom. 3.52
4 Jacket	FEP(blue)	4.15±0.10

### 2 Electrical Specifications

Impedance	50 Ohm ±3
Capacitance (pF/m)	Nom. 95.1
Velocity (%)	70
Shielding Effectiveness (dB)	100
LOW PIM (dBc)	≤-160@900~1800MHz
VSWR (dB)	≤1.15@0~3G, ≤1.25@3~6G

### 3 Attenuation@20°C and Power

Frequency (MHz)	Attenuation (dB/100ft)	Power (KW)
150 MHz	5.47	0.78
450 MHz	9.49	0.45
900 MHz	13.41	0.32
2000 MHz	19.99	0.21
2500 MHz	22.35	0.19
5800 MHz	34.02	0.13

### 4 Mechanical Specifications

Min Bend Radius	20 mm
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### 5 Environment Specifications

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