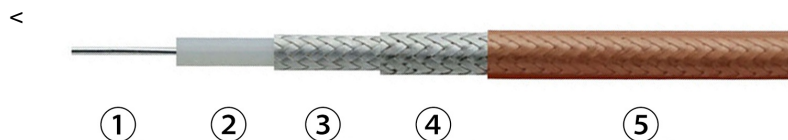


RG Series Coaxial Cable, RCG400

DC-12.4GHz, Ø4.95mm, H-Grade



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-12.4GHz
Impedance	50 Ohms
Capacitance	95 pF/m
Velocity of Propagation	70%
Shielding Effectiveness	80dB Min
Withstand Voltage	1400V@DC
OT	-55~+200℃

Product Information

Product Number	RCG400, H-Grade
Product Type	RG Series Coaxial Cable
Bend Radius (Installation)	25.00mm
Bend Radius (Repeated)	50.00mm
Net Weight	About 64.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCG400-10M	10 m	Sealed bag

RCG400 Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Single-core Silver-plated Copper	0.98 mm
2.Dielectric	PTFE	2.95 mm
3.Inner shield	Silver-plated Copper Wire Braiding	3.50 mm
4.Outer Shield	Silver-plated Copper Wire Braiding	4.00 mm
5.Jacket	Orange FEP	4.95 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50	10.15	1714
100	14.46	1203
200	20.68	841
500	33.41	521
800	42.92	405
1000	48.39	359
2000	70.71	246
2450	79.18	220
3000	88.74	196
4000	104.55	166
5000	118.95	146
6000	132.33	131
$\text{dB}/100\text{M}=\text{K1} \times \sqrt{\text{FMHz}} + \text{K2} \times \text{FMHz}$		
$\text{K1}=1.4075, \text{K2}=0.003884$		