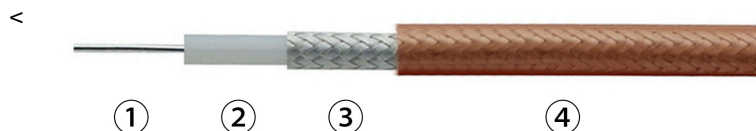


RG Series Coaxial Cable, RCG178

DC-6GHz, Ø1.83mm, H-Grade



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-6GHz
Impedance	50 Ohms
Capacitance	95 pF/m
Velocity of Propagation	70%
Shielding Effectiveness	60dB Min
Withstand Voltage	750V@DC
OT	-55~+200°C

Product Information

Product Number	RCG178, H-Grade
Product Type	RG Series Coaxial Cable
Bend Radius (Installation)	10.00mm
Bend Radius (Repeated)	20.00mm
Net Weight	About 7.8g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCG178-10M	10 m	Sealed bag
RCG178-300M	300 m	Wooden Reel

RCG178 Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Silver-plated Copper Covered Steel	0.31 mm
2.Dielectric	PTFE	0.88 mm
3.Outer Shield	Silver-plated Copper Wire Braiding	1.30 mm
4.Jacket	Orange FEP	1.83 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50	37.26	125
100	52.78	88
200	74.81	62
500	118.79	39
800	150.73	31
1000	168.82	28
2000	240.39	19
2450	266.72	17
3000	295.95	16
4000	343.24	14
5000	385.23	12
6000	423.46	11
$dB/100M=K1 \times \sqrt{FMHz} + K2 \times FMHz$		
$K1=5.25, K2=0.0028$		