High-Performance Test Coaxial Cable, RCT200
DC-110GHz, ø1.85mm, P-Grade, Phase-Stable



01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-110GHz
Impedance	50 Ohms
CW power@25℃	3W @110GHz, 22W @3GHz
Attenuation@Length 1m	13.14 dB Max @110GHz
Capacitance	84 pF/m
VOP	77%
SE	90dB Min
Voltage	300V@DC
OT	-55 ~ +165℃

03

Product Information

Product Number	RCT200, P-Grade
Product Type	High-Performance Test Coaxial Cable
Bend Radius (Inst.)	8.00mm
Bend Radius (Rep.)	18.00mm
Net Weight	About 8.0g per meter

04

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCT200-10M	10 m	Sealed bag
RCT200-300M	300 m	Wooden Reel

RCT200 Structure Characteristics		
Structure	**Material**	**Diameter**
1.Center Conductor	Single-core Silver-plated Copper	0.30 mm
2.Dielectric	LD-PTFE	0.85 mm
3.Inner shield	Silver-plated Copper Tape Braiding	1.00 mm
4.Interlayer	LD-PTFE	1.25 mm
5.Outer Shield	Silver-plated Copper Wire Braiding	1.50 mm
6.Jacket	Yellow FEP	1.85 mm
Frequency(MHz)	**ATTEN(dB/100M)**	**Avg Power(W)**
500	80.17	55
3000	198.53	22
6000	282.92	16
8000	327.99	14
12400	411.33	11
26500	611.53	7
40000	760.41	6
50000	856.61	5
67000	1,002.73	4
75000	1,065.93	4
90000	1,177.24	4
110000	1,314.31	3
dB/100M=**K1**× sqrt(FMHz) + **K2**× FMHz		
K1=3.557846 , **K2**=0.001221 , **P3**=4430		