



High-Performance Test Coaxial Cable, RCT360Z DC-50GHz, ø3.6mm, P-Grade, Phase-Stable

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-50GHz
Impedance	50 Ohms
CW power@25°C	68W @50GHz, 290W @3GHz
Attenuation@Length 1m	3.59 dB Max @50GHz
VOP	76%
SE	90dB Min
ATTEN-STAB	±0.08dB Max
Mech. Phase	±6.7°
OT	-55~+125°C

Product Information

Product Number	RCT360Z, P-Grade
Product Type	High-Performance Test Coaxial Cable
Bend Radius (Inst.)	13.00mm
Bend Radius (Rep.)	26.00mm
Net Weight	About 34.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCT360Z-10M	10 m	Sealed bag
RCT360Z-300M	300 m	Wooden Reel

RCT360Z Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Single-core Silver-plated Copper	0.72 mm
2.Dielectric	LD-PTFE	2.10 mm
3.Inner shield	Silver-plated Copper Tape Braiding	2.25 mm
4.Interlayer	LD-PTFE	2.55 mm
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01 mm
6.Jacket	Yellow FEP	3.60 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
500	33.94	718
1000	48.12	506
2450	75.71	322
4000	97.12	251
6000	119.43	204
8000	138.38	176
12400	173.36	141
18000	210.21	116
26500	257.11	95
34000	292.99	83
40000	319.16	76
50000	359.16	68
$\text{dB}/100\text{M} = K1 \times \sqrt{\text{FMHz}} + K2 \times \text{FMHz}$		
$K1=1.507808, K2=0.00044, P3=24359$		