

Internal Connection Coaxial Cable, RCQ400

DC-34GHz, ø4mm, P-Grade



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-34GHz
Impedance	50 Ohms
CW power@25°C	64W @34GHz, 288W @3GHz
Attenuation@Length 1m	3.13 dB Max @34GHz
Capacitance	94 pF/m
VOP	70%
SE	90dB Min
Voltage	1500V@DC
OT	-55~+125°C

Product Information

Product Number	RCQ400, P-Grade
Product Type	Internal Connection Coaxial Cable
Bend Radius (Inst.)	20.00mm
Bend Radius (Rep.)	40.00mm
Net Weight	About 41.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCQ400-10M	10 m	Sealed bag
RCQ400-300M	300 m	Wooden Reel

RCQ400 Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Single-core Silver-plated Copper	0.93 mm
2.Dielectric	Solid PTFE	3.00 mm
3.Inner shield	Silver-plated Copper Tape Wrapping	3.20 mm
4.Outer Shield	Silver-plated Copper Wire Braiding	3.51 mm
5.Jacket	Blue FEP	4.00 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
300	19.75	1010
500	25.88	771
1000	37.57	531
2000	55.09	362
2450	61.77	323
4000	81.82	244
6000	103.89	192
8000	123.53	162
12400	161.94	123
18000	205.32	97
26500	264.68	75
34000	313.09	64
$dB/100M=K1 \times \sqrt{FMHz} + K2 \times FMHz$		
$K1=1.082677, K2=0.003337, P3=19957.16$		
RCQ400 Replacement Model		
Harbour	SS402	
Times	Tflex-402	