

Economical Low Loss Coaxial Cable, RCM600S

DC-8GHz, Ø14.99mm, E-Grade, Super Soft



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-8GHz
Impedance	50 Ohms
CW power@25°C	200W @8GHz, 355W @3GHz
Attenuation@Length 1m	0.33 dB Max @8GHz
Capacitance	76.8 pF/m
VOP	87%
SE	90dB Min
Voltage	4000V@DC
OT	-40~+85°C

Product Information

Product Number	RCM600S, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Inst.)	38.00mm
Bend Radius (Rep.)	150.00mm
Net Weight	About 200.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCM600S-10M	10 m	Sealed bag

RCM600S Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Stranded Bare Copper Wire	4.47 mm
2.Dielectric	Foam PE	11.56 mm
3.Inner shield	Aluminum Foil Longitudinal Wrapping	mm
4.Outer Shield	Tin-plated Copper Wire Braiding	12.50 mm
5.Jacket	Black TPE	14.99 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50	2.16	3105
100	3.08	2178
200	4.41	1523
500	7.12	943
800	9.15	734
1000	10.32	651
2000	15.08	445
2450	16.89	398
3000	18.93	355
4000	22.31	301
5000	25.38	265
6000	28.24	238
$\text{dB}/100\text{M}=\text{K1} \times \sqrt{\text{FMHz}} + \text{K2} \times \text{FMHz}$		
$\text{K1}=0.3, \text{K2}=0.000833, \text{P3}=6716$		