

Economical Low Loss Coaxial Cable, RCM200S DC-8GHz, Ø4.95mm, E-Grade, Super Soft



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-8GHz
Impedance	50 Ohms
CW power@25°C	48W @8GHz, 80W @3GHz
Attenuation@Length 1m	1.22 dB Max @8GHz
Capacitance	80 pF/m
VOP	83%
SE	90dB Min
Voltage	1000V@DC
OT	-40~+85°C

Product Information

Product Number	RCM200S, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Inst.)	12.70mm
Bend Radius (Rep.)	50.80mm
Net Weight	About 30.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCM200S-10M	10 m	Sealed bag

RCM200S Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Stranded Bare Copper Wire	1.12 mm
2.Dielectric	Foam PE	2.95 mm
3.Inner shield	Aluminum Foil Longitudinal Wrapping	mm
4.Outer Shield	Tin-plated Copper Wire Braiding	3.66 mm
5.Jacket	Black TPE	4.95 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50	9.00	646
100	12.76	456
200	18.11	321
500	28.84	202
800	36.66	159
1000	41.10	141
2000	58.77	99
2450	65.31	89
3000	72.59	80
4000	84.41	69
5000	94.95	61
6000	104.59	56
$\text{dB}/100\text{M} = K1 \times \sqrt{\text{FMHz}} + K2 \times \text{FMHz}$		
$K1=1.265, K2=0.0011, P3=5813.5$		