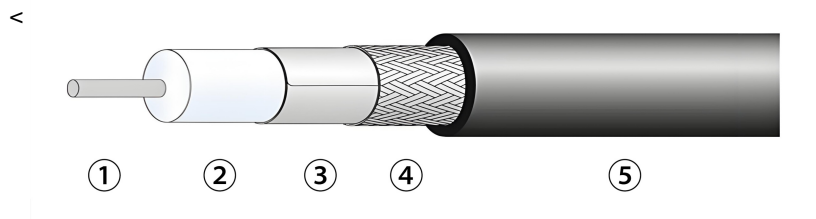


Economical Low Loss Coaxial Cable, RCM300

DC-8GHz, ø7.62mm, E-Grade, Low Loss



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-8GHz
Impedance	50 Ohms
Capacitance	78.4 pF/m
Velocity of Propagation	85%
Shielding Effectiveness	90dB Min
Withstand Voltage	2000V@DC
OT	-40~+85°C

Product Information

Product Number	RCM300, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Installation)	22.20mm
Bend Radius (Repeated)	76.20mm
Net Weight	About 80.0g per meter

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCM300-10M	10 m	Sealed bag
RCM300-500M	500 m	Wooden Reel

RCM300 Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Bare Copper Wire	1.78 mm
2.Dielectric	Foam PE	4.83 mm
3.Inner shield	Aluminum Foil Longitudinal Wrapping	mm
4.Outer Shield	Tin-plated Copper Wire Braiding	5.72 mm
5.Jacket	Black PE	7.62 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50	4.51	1226
100	6.42	861
200	9.17	603
500	14.76	375
800	18.92	292
1000	21.30	260
2000	30.98	178
2450	34.64	160
3000	38.75	143
4000	45.53	121
5000	51.67	107
6000	57.37	96
$\text{dB}/100\text{M} = K1 \times \sqrt{\text{FMHz}} + K2 \times \text{FMHz}$		
$K1=0.6275, K2=0.00146$		