

Economical Low Loss Coaxial Cable, RCMY509

DC-12.5GHz, Ø13.3mm, E-Grade



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-12.5GHz
Impedance	50 Ohms
CW power@25°C	W @12.5GHz, W @3GHz
Attenuation@Length 1m	dB Max @12.5GHz
Capacitance	80 pF/m
VOP	83%
SE	120dB Min
Voltage	1000V@DC
OT	-55~+85°C

Product Information

Product Number	RCMY509, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Inst.)	50.00mm
Bend Radius (Rep.)	125.00mm

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCMY509-10M	10 m	Sealed bag

RCMY509 Structure Characteristics

Structure	Material	Diameter
1.Center Conductor	Copper Clad Aluminum Wire	3.60 mm
2.Dielectric	Foam PE	8.80 mm
3.Outer Shield	Helical Corrugated Copper Tube	12.10 mm
4.Jacket	Black Low-smoke Halogen-free Flame-retardant PE	13.30 mm
Frequency(MHz)	ATTEN(dB/100M)	Avg Power(W)
50		
100		
200		
500		
800		
1000		
2000		
2450		
3000		
4000		
5000		
6000		
$dB/100M=K1 \times \sqrt{FMHz} + K2 \times FMHz$		
K1= , K2= , P3=		