Economical Low Loss Coaxial Cable, RCMV505
DC-3GHz, ø7.2mm, E-Grade



01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-3GHz
Impedance	50 Ohms
CW power@25℃	W @3GHz
Attenuation@Length 1m	dB Max @3GHz
Capacitance	100 pF/m
VOP	66%
Voltage	1500V@DC
OT	-20 ~ +80℃

03

Product Information

Product Number	RCMV505, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Inst.)	N/A
Bend Radius (Rep.)	70.00mm

04

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCMV505-10M	10 m	Sealed bag

RCMV505 Structure Characteristics		
Structure	**Material**	**Diameter**
1.Center Conductor	Single-core Bare Copper Wire	1.40 mm
2.Dielectric	PE	4.80 mm
3.Outer Shield	Copper Wire Braiding	6.32 mm
4.Jacket	Black PVC	7.20 mm
Frequency(MHz)	**ATTEN(dB/100M)**	**Avg Power(W)**
50		
100		
200		
300		
400		
500		
800		
1000		
1500		
2000		
2450		
3000		
dB/100M=K1× sqrt(FMHz) + **K2**× FMHz		
K1= , **K2**= , **P3**=		