Economical Low Loss Coaxial Cable, RCM5DFB
DC-3GHz, ø7.5mm, 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	81 pF/m
VOP	81%
Voltage	1500V@DC
OT	-20 ~ +80℃

03

Product Information

Product Number	RCM5DFB, E-Grade
Product Type	Economical Low Loss Coaxial Cable
Bend Radius (Inst.)	N/A
Bend Radius (Rep.)	50.00mm

04

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCM5DFB-10M	10 m	Sealed bag

RCM5DFB Structure Characteristics		
Structure	**Material**	**Diameter**
1.Center Conductor	Single-core Bare Copper Wire	1.80 mm
2.Dielectric	Foam PE	5.00 mm
3.Inner shield	Aluminum Foil Longitudinal Wrapping	5.20 mm
4.Outer Shield	Aluminum Magnesium Wire Braiding	5.60 mm
5.Jacket	Black PVC	7.50 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**=		