

TECHNICAL DATA

REV	DESCRIPTION OF REVISION	ECN No.	BY	DATE	APPROVED
Rv01	N/A	N/A	J.Wang	2013/5/19	Karl Pan

Electrical Characteristics

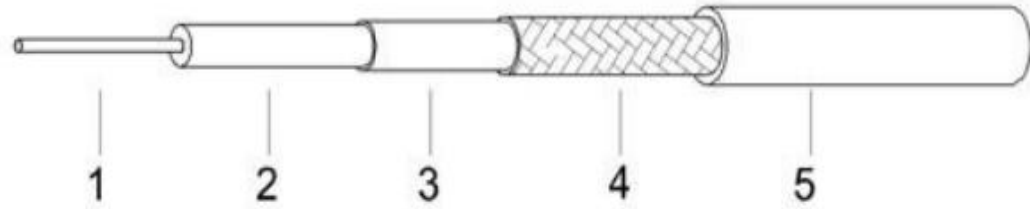
Capacitance (Pf/M)	76.8
Impedance (Ohm)	50
Velocity(%)	87
Shielding Effectiveness (>dB)	90
Inner Conductor DC Resistance (Ω/km)	1.09
Outer Conductor DC Resistance (Ω/km)	3.94
Voltage Withstand (Volts DC)	4000
VSWR≤(Return Loss ≥dB)	5-3000MHz 1.20 (20)
	800-1000MHz 1.10 (26)
	1700MHz-2000MHz 1.15 (23)
	2000MHz-2400MHz 1.15 (23)
Min. Bend Radius (mm)	75
Operating Temp. (°C)	,-40 to 80

Attenuation (Typical)

Frequency (MHz)	Attenuation (≥dB/100m Avg. Power (KW))	
30	1.4	4.93
50	1.8	3.83
150	3.2	2.16
220	3.9	1.77
450	5.6	1.23
900	8.2	0.84
1500	10.9	0.63
1800	12.1	0.57
2000	12.8	0.54
2500	14.5	0.48
3000	15.7	0.44
5800	23.8	0.29

Interface Standards

IEC 60169-16 /MIL-C-39012/CECC22210



Construction Specification

Item	Material	Diamenter (mm)
1. Inner Conductor	Solid Copper	4.47
2. Dielectric	Physical Foam Polyethylene	11.56
3. Outer Conductor	Bonded Aluminum Foil	11.71
4. Overall Braid	Tinned Copper Braid	12.5
5. Jacket	Black PVC or Polyethylene	14.99



NOTES:

- 1.ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITH NOTICE AT ANY TIME
- 2.CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

Part Name:		RFVOTON[®] Machinery www.RF-connectors.com			
Low Loss Flexible 600 Cable					
		  DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A		