

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

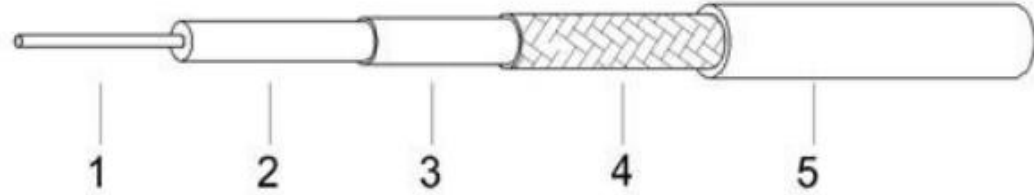
Capacitance (Pf/M)	77.1
Impedance (Ohm)	50
Velocity(%)	85
Shielding	90
Effectiveness (>dB)	90
Inner Conductor DC Resistance (Ω/km)	2.92
Outer Conductor DC Resistance (Ω/km)	5.41
Voltage Withstand (Volts DC)	2500
VSWR≤(Return Loss ≥ dB)	5-3000MHz 1.20 (20)
	800-1000MHz 1.10 (26)
	1700MHz-2000MHz 1.15 (23)
	2000MHz-2400MHz 1.15 (23)
Min. Bend Radius (mm)	51
Operating Temp. (°C)	,-40 to 80

■Attenuation (Typical)

Frequency (MHz)	Attenuation (≥dB/100m Avg. Power (KW)
30	2.2 2.91
50	2.9 2.21
150	5 1.28
220	6.1 1.05
450	8.9 0.72
900	12.8 0.5
1500	16.8 0.38
1800	18.6 0.34
2000	19.6 0.33
2500	22.2 0.29
3000	24.8 0.26
5800	35.5 0.18

■Interface Standards

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



■Construction Spectification

Item	Material	Diamenter (mm)
1. Inner Conductor	Solid Copper	2.74
2. Dielectric	Physical Foam Polyethylene	7.24
3. Outer Conductor	Bonded Aluminum Foil	7.39
4. Overall Braid	Tinned Copper Braid	8.13
5. Jacket	Black PVC or Polyethylene	10.29

Part Name:	
Low Loss Flexible 400 Cable	
	www.RF-connectors.com
	 DIMENSIONS IN MILLIMETERS(mm)

NOTES:

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

	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A
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