

## RG402-6C

High performance 50ohm flexible coaxial cable

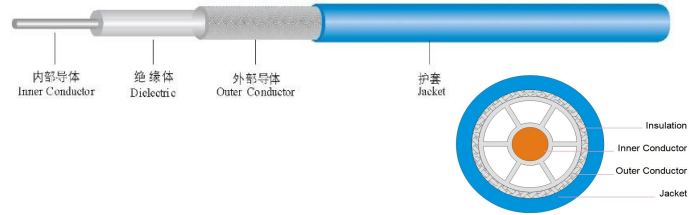
Ver A/0 Release Date Match, 2015



P/N: 34026J

### Features&Benefits

- 82%Vp PFA+ TC Wire Braiding
- Ultra-low loss, Flexible, Low Cost
- Equivalent to UT-141-FORM
- Replace to PE-SR141FL SS402  
Flexiform 141



### Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	1.05	±0.01	Silver Plated Copper
2	Dielectric	2.98	±0.05	6 Core Extruded PFA
3	Outer conductor	3.5	±0.10	Soaked Tinned Copper Shield
4	Jacket	4.10	±0.05	Fluorinated Ethylene Propylene(FEP)

### Mechanical&Environmental Specifications

### RoHS

Bend Radius:installation (mm)	20	RoHS	Compliant
Bend Radius:repeated (mm)	42		
Weight (g/m)	50 max.		
Temp, Operating&Installation (°C)	-55~200(FEP)		
Temp, Storage (°C)	-55~200(FEP)		

### Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	78	Max Working Power(Vrms)	200
Velocity ratio(%)	82	VSWR(DC~6GHz)	≤1.25
Cutoff frequency(GHz)	39	Shielding Effect(dB @1GHz)	>60

### Attenuation (Typical@25°C&VSWR=1.0) &Power (VSWR=1.0;40°C;Sea Level)

Frequency MHz	0.5	1000	2000	3000	4000	5000	6000	10000	20000
dB/100 m	35.0	48.0	73.0	95.0	112.0	130.0	150.0	210.0	345.0

Maximum attenuation is 10% higher.

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