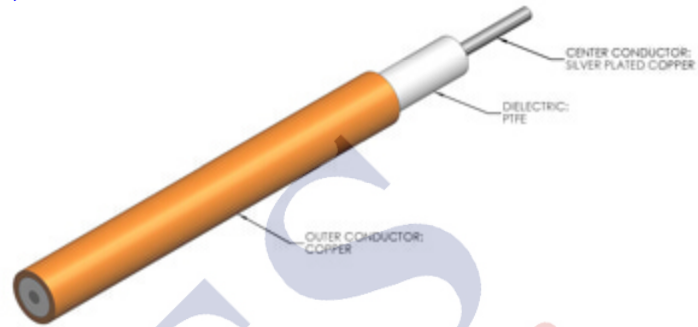


# UT-141C-15

苏州瑞贝斯——中国专业的微波解决方案供应商

Cables with impedances from 5 to 95 ohms and diameters from 0.020 to 0.250 inch, Micro-Coax's odd impedance semi-rigid cables are the right solution for any impedance matching requirement.



## DIMENSIONS

	UNITS	UT-141C-15
Outer Conductor Diameter	In	0.141 ± 0.001
	mm	3.581 ± 0.025
Center Conductor Diameter	In	0.0800
	mm	2.0320
length (maximum)	Feet	20
	Meter	6.10

## MATERIALS

Outer Conductor	Copper
Outer Conductor Plating	None
Dielectric	PTFE
Center Conductor	SPC
Rohs Compliant	YES

## MECHANICAL CHARACTERISTICS\*

Outer Conductor Integrity Temp.	°C	175
Operating Temperature (Max)	°C	150
Inside Bend Radius (Minimum)	In	0.188
	mm	4.775
Weight	lbs / 100ft	4.74
	kg / 100m	7.12

## ELECTRICAL CHARACTERISTICS\*

Characteristic Impedance	ohm	15
Capacitance	pF / ft	96.7
	pF / m	317.0
Corona Extinction Voltage	VRMS @ 60 Hz	1300
Voltage Withstanding	VRMS @ 60 Hz	3900
Higher Order Mode Frequency	GHz	27.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	15
	1.0 GHz	21.4
	5.0 GHz	50.2
	10.0 GHz	73.4
	18.0 GHz	102.2
	26.5 GHz	127.9
	40.0 GHz	N/A
	50.0 GHz	N/A
	65.0 GHz	N/A
	90.0 GHz	N/A
Power (Watts Cw @ 20 °C, Maximum)	0.5 GHz	320.6
	1.0 GHz	224.7
	5.0 GHz	96.8
	10.0 GHz	66.6
	18.0 GHz	48.2
	26.5 GHz	38.7
	40.0 GHz	N/A
	50.0 GHz	N/A
65.0 GHz	N/A	
90.0 GHz	N/A	