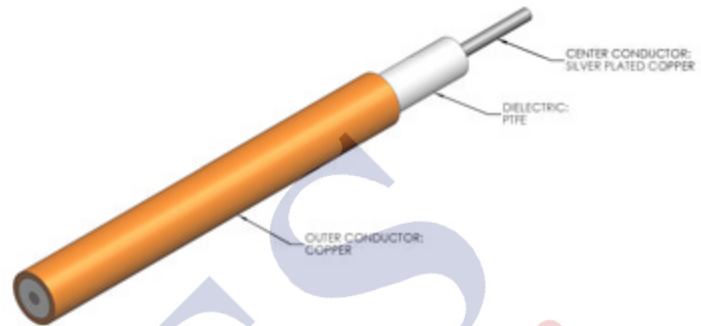


# UT-141C-25

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-25
Outer Conductor Diameter	In	0.141 ± 0.001
	mm	3.581 ± 0.025
Center Conductor Diameter	In	0.0640
	mm	1.6256
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	125
Inside Bend Radius (Minimum)	In	0.188
	mm	4.775
Weight	lbs / 100ft	4.02
	kg / 100m	6.04

## ELECTRICAL CHARACTERISTICS\*

Characteristic Impedance	ohm	25
Capacitance	pF / ft	58.0
	pF / m	190.0
Corona Extinction Voltage	VRMS @ 60 Hz	2100
Voltage Withstanding	VRMS @ 60 Hz	6300
Higher Order Mode Frequency	GHz	29.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	10.1
	1.0 GHz	14.6
	5.0 GHz	34.8
	10.0 GHz	51.7
	18.0 GHz	73.2
	26.5 GHz	92.7
	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	472.5
	1.0 GHz	329.7
	5.0 GHz	139.7
	10.0 GHz	95
	18.0 GHz	67.8
	26.5 GHz	54
	40.0 GHz	N/A
	50.0 GHz	N/A
	65.0 GHz	N/A
	90.0 GHz	N/A