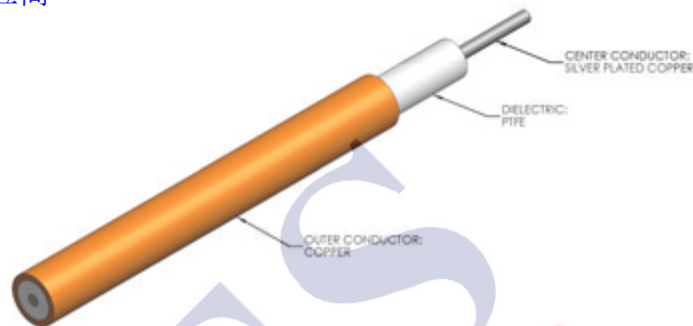


# UT-141C-35

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-35

Outer Conductor Diameter	In	0.141 ± 0.001
	mm	3.581 ± 0.025
Center Conductor Diameter	In	0.0508
	mm	1.2903
length (maximum)	Feet	20
	Meter	6.40

## 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	0.250
	mm	6.350
Weight	lbs / 100ft	3.66
	kg / 100m	5.49

## ELECTRICAL CHARACTERISTICS\*

Characteristic Impedance	ohm	35	
Capacitance	pF / ft	41.5	
	pF / m	136.0	
Corona Extinction Voltage	VRMS @ 60 Hz	2600	
Voltage Withstanding	VRMS @ 60 Hz	7800	
Higher Order Mode Frequency	GHz	31.0	
	0.5 GHz	8.6	
Attenuation (Db / 100 Ft Typical)	1.0 GHz	12.4	
	5.0 GHz	30.1	
	10.0 GHz	45	
	18.0 GHz	64.1	
	26.5 GHz	81.7	
	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	552.5
		1.0 GHz	384.6
		5.0 GHz	161.5
10.0 GHz		109.2	
18.0 GHz		77.5	
26.5 GHz		61.3	
40.0 GHz		N/A	
50.0 GHz	N/A		
65.0 GHz	N/A		
90.0 GHz	N/A		