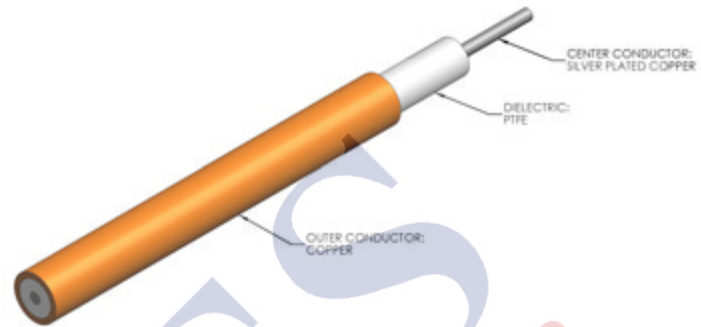


UT-090C-35

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-090C-35
Outer Conductor Diameter	In	0.090 ± 0.001
	mm	2.286 ± 0.025
Center Conductor Diameter	In	0.0320
	mm	0.8128
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	150
Operating Temperature (Max)	°C	125
Inside Bend Radius (Minimum)	In	0.125
	mm	3.175
Weight	lbs / 100ft	1.51
	kg / 100m	2.27

ELECTRICAL CHARACTERISTICS*

Characteristic Impedance	ohm	35
Capacitance	pF / ft	41.5
	pF / m	136.0
Corona Extinction Voltage	VRMS @ 60 Hz	1600
Voltage Withstanding	VRMS @ 60 Hz	4800
Higher Order Mode Frequency	GHz	50.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	13.3
	1.0 GHz	19.1
	5.0 GHz	45.1
	10.0 GHz	66.2
	18.0 GHz	92.6
	26.5 GHz	116.2
	40.0 GHz	148.9
	50.0 GHz	170.9
	65.0 GHz	N/A
	90.0 GHz	N/A
Power (Watts Cw @ 20 °C, Maximum)	0.5 GHz	200.7
	1.0 GHz	140.4
	5.0 GHz	60.2
	10.0 GHz	41.3
	18.0 GHz	29.7
	26.5 GHz	23.8
	40.0 GHz	18.7
	50.0 GHz	16.4
	65.0 GHz	N/A
90.0 GHz	N/A	