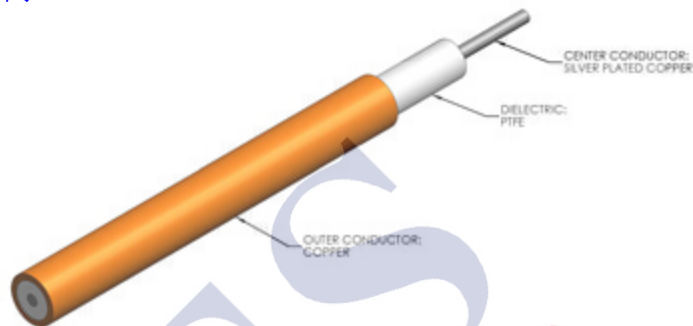


UT-085C-15

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-085C-15
Outer Conductor Diameter	In	0.087 ± 0.001
	mm	2.197 ± 0.025
Center Conductor Diameter	In	0.0453
	mm	1.1506
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	0.250
	mm	6.350
Weight	lbs / 100ft	1.83
	kg / 100m	2.75

ELECTRICAL CHARACTERISTICS*

Characteristic Impedance	ohm	15
Capacitance	pF / ft	96.7
	pF / m	317.0
Corona Extinction Voltage	VRMS @ 60 Hz	800
Voltage Withstanding	VRMS @ 60 Hz	2400
Higher Order Mode Frequency	GHz	47.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	24.4
	1.0 GHz	34.7
	5.0 GHz	79.9
	10.0 GHz	115.5
	18.0 GHz	158.7
	26.5 GHz	196.4
	40.0 GHz	247.5
	50.0 GHz	N/A
	65.0 GHz	N/A
	90.0 GHz	N/A
Power (Watts Cw @ 20 °C, Maximum)	0.5 GHz	106.9
	1.0 GHz	75.2
	5.0 GHz	32.8
	10.0 GHz	22.8
	18.0 GHz	16.7
	26.5 GHz	13.5
	40.0 GHz	10.8
	50.0 GHz	N/A
	65.0 GHz	N/A
	90.0 GHz	N/A