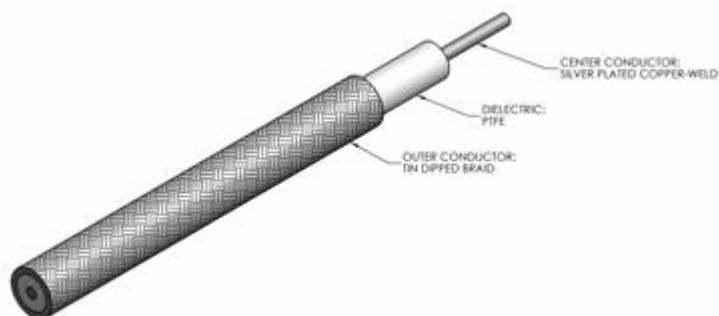


UT-085-FORM

UTiFORM employs a lead-free alloy dipped outer conductor that is excellent for repeated forming. This dipped braid construction enables the user to minimize system installation costs, because cables can be easily configured as they are installed.



DIMENSIONS

UNITS

UT-085-FORM

Outer Conductor Diameter	In	0.085 +0.0035/-0.003
	mm	2.159 +0.089/-0.076
Jacket Diameter	In	-
	mm	-
Center Conductor Diameter	In	0.0201
	mm	0.5105
length (maximum)	Feet	0.0
	Meter	0.00

MATERIALS

Outer Conductor		Tin-Dipped Braid
Outer Conductor Plating		None
Dielectric		PTFE
Center Conductor		SPCW
Rohs Compliant		YES

MECHANICAL CHARACTERISTICS*

Outer Conductor Integrity Temp.	°C	225.0
Operating Temperature (Max)	°C	200.0
Inside Bend Radius (Minimum)	In	0.1250
	mm	3.1750
Weight	lbs / 100ft	1.13
	kg / 100m	1.70

ELECTRICAL CHARACTERISTICS*

Characteristic Impedance	ohm	50
Capacitance	pF/ ft	29
	pF/ m	95.2
Corona Extinction Voltage	VRMS @ 60 Hz	1600.0
Voltage Withstanding	VRMS @ 60 Hz	4800.0
Higher Order Mode Frequency	GHz	61.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	17.1
	1.0 GHz	24.4
	5.0 GHz	56.9
	10.0 GHz	82.9
	18.0 GHz	115.1
	26.5 GHz	143.5
	40.0 GHz	182.5
	50.0 GHz	208.4
	65.0 GHz	N/A
	90.0 GHz	N/A
Power (Watts Cw @ 20 °C, Maximum)	0.5 GHz	201.5
	1.0 GHz	141.4
	5.0 GHz	61.3
	10.0 GHz	42.4
	18.0 GHz	30.8
	26.5 GHz	24.9
	40.0 GHz	19.7
	50.0 GHz	17.3
66.0 GHz	N/A	
90.0 GHz	N/A	

* Applicable at room temperature. Contact factory for performance over temperature range.