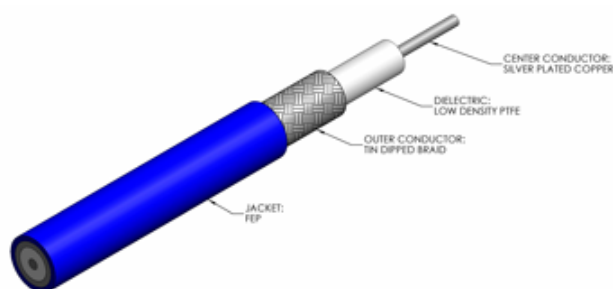


## UT-085C-FORM-LL-F

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-085C-FORM-LL-F

Outer Conductor Diameter	In	0.085 +0.0035/-0.003
	mm	2.159 +0.089/-0.076
Jacket Diameter	In	0.106 ± 0.003
	mm	2.692 ± 0.076
Center Conductor Diameter	In	0.0226
	mm	0.5740
length (maximum)	Feet	0.0
	Meter	0.00

### MATERIALS

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

### MECHANICAL CHARACTERISTICS\*

Outer Conductor Integrity Temp.	°C	225.0
Operating Temperature (Max)	°C	225.0
Inside Bend Radius (Minimum)	In	0.2500
	mm	6.3500
Weight	lbs / 100ft	1.37
	kg / 100m	2.06

### ELECTRICAL CHARACTERISTICS\*

Characteristic Impedance	ohm	50
Capacitance	pF/ ft	26.5
	pF/ m	86.8
Corona Extinction Voltage	VRMS @ 60 Hz	1600.0
Voltage Withstanding	VRMS @ 60 Hz	4800.0
Higher Order Mode Frequency	GHz	64.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	15.5
	1.0 GHz	22.1
	5.0 GHz	50
	10.0 GHz	71.4
	18.0 GHz	96.9
	26.5 GHz	118.7
	40.0 GHz	147.7
	50.0 GHz	166.4
	65.0 GHz	N/A
Power (Watts Cw @ 20 °C, Maximum)	90.0 GHz	N/A
	0.5 GHz	223.5
	1.0 GHz	157.7
	5.0 GHz	69.8
	10.0 GHz	49
	18.0 GHz	36.2
	26.5 GHz	29.6
	40.0 GHz	23.9
	50.0 GHz	21.3
	66.0 GHz	N/A
	90.0 GHz	N/A

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