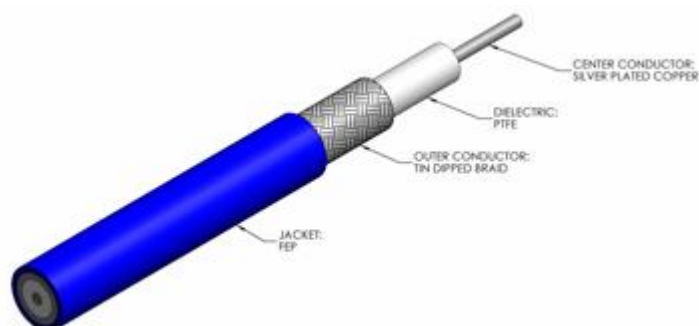


UT-141C-FORM-F

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-141C-FORM-F
Outer Conductor Diameter	In	0.141 +0.002/-0.005
	mm	3.581 +0.051/-0.127
Jacket Diameter	In	0.161 ± 0.004
	mm	4.089 ± 0.1016
Center Conductor Diameter	In	0.0362
	mm	0.9195
length (maximum)	Feet	0.0
	Meter	0.00

MATERIALS

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

MECHANICAL CHARACTERISTICS*

Outer Conductor Integrity Temp.	°C	225.0
Operating Temperature (Max)	°C	200.0
Inside Bend Radius (Minimum)	In	0.3750
	mm	9.5250
Weight	lbs / 100ft	3.31
	kg / 100m	4.97

ELECTRICAL CHARACTERISTICS*

Characteristic Impedance	ohm	50
Capacitance	pF/ ft	29
	pF/ m	95.2
Corona Extinction Voltage	VRMS @ 60 Hz	3100.0
Voltage Withstanding	VRMS @ 60 Hz	9300.0
Higher Order Mode Frequency	GHz	34.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	9.8
	1.0 GHz	14.1
	5.0 GHz	33.9
	10.0 GHz	50.3
	18.0 GHz	71.3
	26.5 GHz	90.4
	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	491.7
	1.0 GHz	343.2
	5.0 GHz	145.5
	10.0 GHz	99.1
	18.0 GHz	70.8
	26.5 GHz	56.4
	40.0 GHz	N/A
	50.0 GHz	N/A
66.0 GHz	N/A	
90.0 GHz	N/A	

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