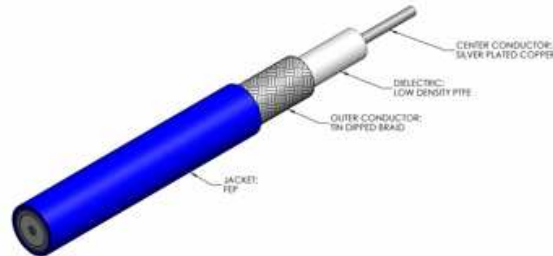


UTiFORM

UT-141C-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-141C-FORM-LL-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	0.0403
	mm	1.0236
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	0.5000
	mm	12.7000
Weight	lbs / 100ft	3.14
	kg / 100m	4.71

ELECTRICAL CHARACTERISTICS

Characteristic Impedance	ohm	50
Capacitance	pF/ ft	26.5
	pF/ m	86.8
Corona Extinction Voltage	VRMS @ 60 Hz	2800.0
Voltage Withstanding	VRMS @ 60 Hz	8400.0
Higher Order Mode Frequency	GHz	36.0
Attenuation (Db / 100 Ft Typical)	0.5 GHz	8.9
	1.0 GHz	12.6
	5.0 GHz	28.9
	10.0 GHz	41.5
	18.0 GHz	56.8
	26.5 GHz	70.1
	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	549.7
	1.0 GHz	387
	5.0 GHz	170.1
	10.0 GHz	118.7
	18.0 GHz	87.2
	26.5 GHz	71
	40.0 GHz	N/A
	50.0 GHz	N/A
	66.0 GHz	N/A
	90.0 GHz	N/A

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