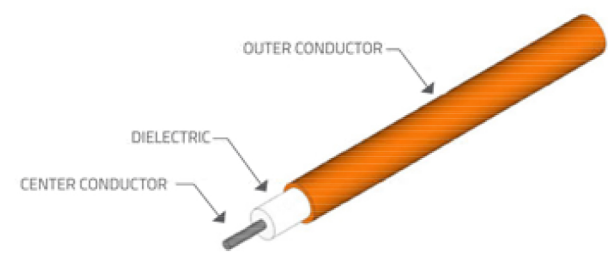


UT-20, UT-020

Standard copper 50 ohm semi-rigid cables feature low attenuation and VSWR covering the entire microwave spectrum. With numerous connector options available off-the-shelf, this family of cables is one of the most versatile available today. They meet the demands of package density and provide total shielding for elimination of signal loss and noise.



DIMENSIONS	UNITS	UT-020
Outer Conductor Diameter	In	0.023 ± 0.0010
	mm	0.5842 ± 0.0254
Dielectric Diameter	In	0.017 ± 0.001
	mm	0.432 ± 0.025
Center Conductor Diameter	In	0.0050
	mm	0.1270
length (maximum)	Feet	10.0000
	Meter	3.0500

MATERIALS		
Outer Conductor		Copper
Outer Conductor Plating		None
Dielectric		PTFE
Center Conductor		0.0000
Rohs Compliant		0.0000

MECHANICAL CHARACTERISTICS		
Outer Conductor Integrity Temp.	°C	150.0000
Operating Temperature (Max)	°C	125.0000
Inside Bend Radius (Minimum)	In	0.0500
	mm	1.2700
Weight	lbs / 100ft	0.1000
	kg / 100m	0.1500

ELECTRICAL CHARACTERISTICS		
Characteristic Impedance	ohm	50.0000
Capacitance	pF/ ft	29.0000
	pF/ m	95.2000
Corona Extinction Voltage	VRMS @ 60 Hz	500.0000
Voltage Withstanding	VRMS @ 60 Hz	1500.0000
Higher Order Mode Frequency	GHz	239.0000
Attenuation (Db / 100 Ft Typical)	0.5 GHz	51.6000
	1.0 GHz	73.3000
	5.0 GHz	166.1000
	10.0 GHz	237.4000
	18.0 GHz	322.3000
	26.5 GHz	394.9000
	40.0 GHz	491.4000
	50.0 GHz	553.8000
	65.0 GHz	638.1000
Power (Watts Cw @ 20 °C, Maximum)	90.0 GHz	762.1000
	0.5 GHz	17.2000
	1.0 GHz	12.1000
	5.0 GHz	5.4000
	10.0 GHz	3.8000
	18.0 GHz	2.8000
	26.5 GHz	2.3000
	40.0 GHz	1.8000
	50.0 GHz	1.6000
	65.0 GHz	1.4000
	90.0 GHz	1.2000