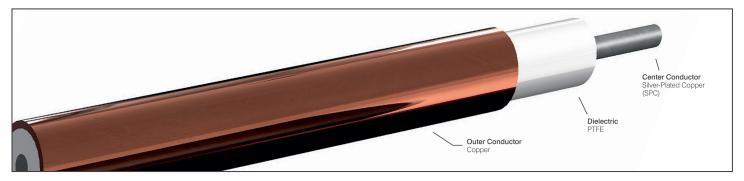
Semi-Rigid Coaxial Cables P/N UT-141C-25 | 25 Ω Copper Outer Conductor

INTRODUCTION



With impedances from 5 to 100 Ω and diameters from 0.020 to 0.250", our odd-impedance semi-rigid cables are the right solution for any impedance-matching requirement.

DIMENSIONS				
Outer Conductor Diameter	in	0.141 ± 0.001		
Odder Conductor Diarneter	mm	3.581 ± 0.025		
Center Conductor Diameter	in	0.0640		
Center Conductor Diameter	mm	1.6256		
Length (Maximum)	Feet	20		
	Meter	6.10		

MATERIALS	
Outer Conductor	Copper
Outer Conductor Plating	None
Dielectric	PTFE
Center Conductor	SPC
RoHS Compliant	✓

MECHANICAL CHARACTERISTICS*				
Outer Conductor Integrity Temp.	°C	175		
Operating Temperature (Max)	°C	125		
Inside Bend Radius (Minimum)	in	0.188		
	mm	4.775		
Weight	lbs / 100ft	4.02		
	kg / 100m	6.04		

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

AmphenolCir			
Cable & Interconnect Technologies			

ELECTRICAL CHARACT	ERISTICS*	
Characteristic Impedance	ohm	25
Capacitance	pF / ft	58.0
	pF/m	190.0
Corona Extinction Voltage	VRMS @ 60 Hz	2100
Voltage Withstanding	VRMS @ 60 Hz	6300
Higher Order Mode Frequency	GHz	29.0
	@ 0.5 GHz	10.1
	@ 1.0 GHz	14.6
Attenuation (Db / 100 Ft Typical)	@ 5.0 GHz	34.8
	@ 10.0 GHz	51.7
	@ 18.0 GHz	73.2
	@ 26.5 GHz	92.7
	@ 40.0 GHz	N/A
	@ 50.0 GHz	N/A
	@ 65.0 GHz	N/A
	@ 90.0 GHz	N/A
	@ 0.5 GHz	472.5
	@ 1.0 GHz	329.7
Power (Watts Cw @ 20°C, Maximum)	@ 5.0 GHz	139.7
	@ 10.0 GHz	95
	@ 18.0 GHz	67.8
	@ 26.5 GHz	54
	@ 40.0 GHz	N/A
	@ 50.0 GHz	N/A
	@ 65.0 GHz	N/A
	@ 90.0 GHz	N/A

Learn More: Amphenol-CIT.com

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