



### Electrical Specifications

Frequency Range	GHz	DC-40	
Impedance	Ohms	50Ω	
VSWR		1.20:1, 1.25:1, 1.35:1	DC-18, 18-26, 26-40 GHz
Velocity of Propagation	%	77	
Max Operating Voltage	V	1000	RMS
Phase Stability	Degs	±8°	@ 40 GHz
RF Shielding (at 1 GHz)	dB	100	Min
Power Rating (CW)	Watts	150	@ 10 GHz

### Mechanical Specifications

Minimum Bend Radius	in. [cm]	1.38 [3.51]	
Temperature Range	C	-55° to +165°	
Flex Life Bending		10,000	Min
Mating Torque	in.-lbs. [N-M]	8 [.90]	
Jacket Diameter	in. [cm]	0.36 [0.91]	Armored
Inner Conductor			Gold Plated Copper



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**COAXIAL & FIBER OPTICS**

DWG TITLE

**PE321-XX**

DES. 40 GHz ARMORED TEST CABLE, 2.92mm  
MALE TO 2.92mm FEMALE

REV. C	FSCM NO. 53919	CAD FILE 012111	SCALE N/A	SIZE A	127
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**NOTES:**

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.