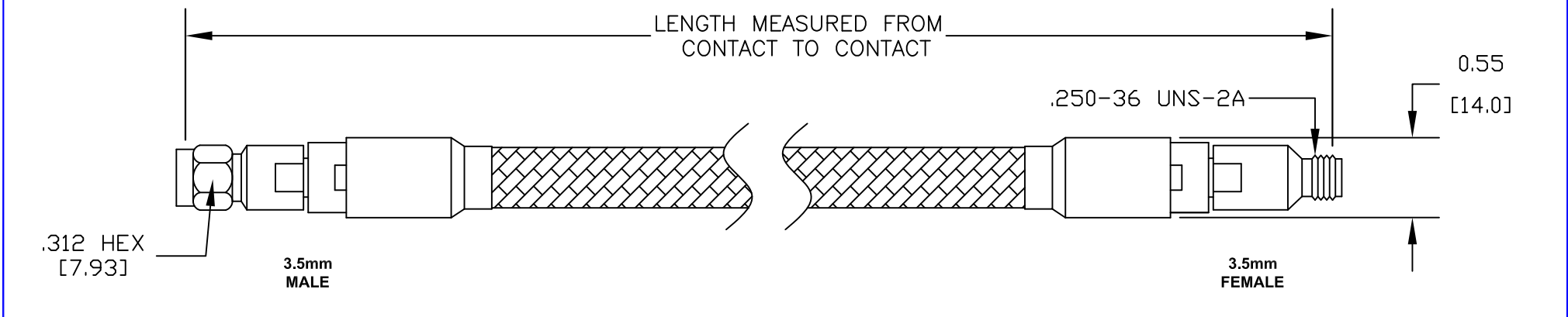


COMPONENTS		IMPEDANCE	Standard Lengths	
3.5mm MALE		50 OHM	-24	24"
3.5mm FEMALE		50 OHM	-36	36"
			-72	72"



Electrical Specifications			
Parameter	Units	Value	Description
Frequency Range	GHz	DC-26.5	
Impedance	Ohms	50Ω	
VSWR		1.15:1, 1.20:1, 1.35:1	DC-10, 10-18, 18-26.5 GHz
Velocity of Propagation	%	77	
Max Operating Voltage	V	1000	RMS
Phase Stability	Degs	±6°	@ 26.5 GHZ
RF Shielding (at 1 GHz)	dB	100	Min
Power Rating (CW)	Watts	286	@ 10 GHz
Mechanical Specifications			
Parameter	Units	Value	Description
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]	0.47 [1.19]	Armored
Inner Conductor			Gold Plated Copper

PASTERNAK ENTERPRISES, INC.
P.O BOX 16759, IRVINE, CA 92623
PHONE (949) 261-1920 FAX (949) 261-7451

WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com
COAXIAL & FIBER OPTICS

DWG TITLE
PE317-XX

DES. 26.5 GHz ARMORED TEST CABLE, 3.5mm MALE TO 3.5mm FEMALE

REV. B	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.