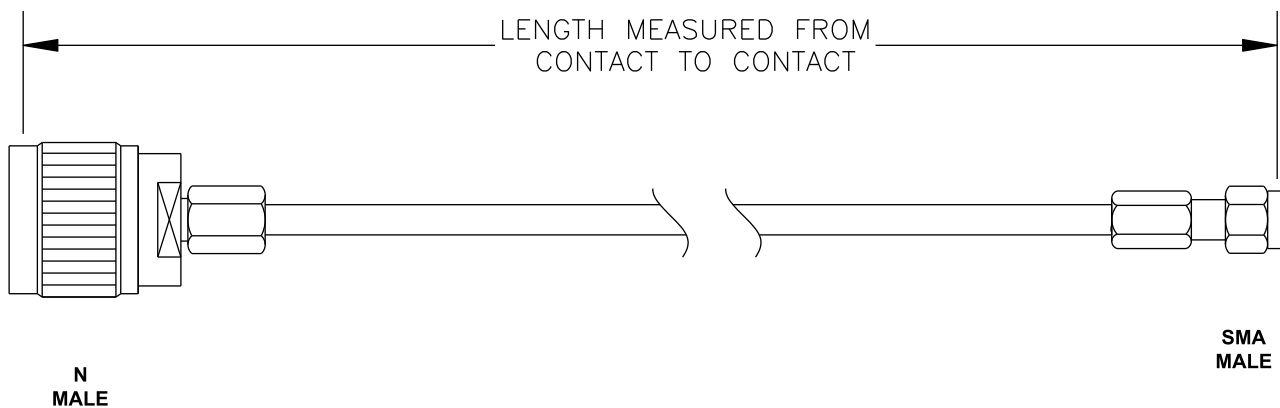


COMPONENTS	IMPEDANCE
N MALE	50 OHM
SMA MALE	50 OHM
PE-LL165P	50 OHM

Standard Lengths	
-6	6"
-12	12"
-18	18"
-24	24"
-30	30"
-36	36"
-48	48"
-60	60"
-72	72"
-XXX	Custom Length in inches



ELECTRICAL PROPERTIES

NON-MAGNETIC

Impedance	50 OHMS
Velocity of Propagation	69.5%
Cut Off Frequency	35.0 GHz
Max Operating Voltage	1900 Volts RMS
Nominal Capacitance	29.4 pf/ft
RF Shielding	Greater than 90 dB

MECHANICAL PROPERTIES

Bend Radius	Minimum 1.0 Inch
Weight	.6 oz/ft
Temp Range	-55°F + 400°F
Inner Conductor	SIL PLT Beryllium CU .036" Dia.
Dielectric	PTFE .116" Dia.
Outer Conductor	SIL PLT Copper Ribbon .140" Dia.
Jacket	FEP .165" Dia.



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COAXIAL & FIBER OPTICS

DWG TITLE

PE33233-XX

DES. 18 GHZ FLEXIBLE CABLE ASSEMBLY, N MALE TO SMA MALE, NON-MAGNETIC

REV. -	FSCM NO. 53919	CAD FILE 021508	SCALE N/A	SIZE A	147
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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.
4. LENGTH TOLERANCE IS $\pm 1.5\%$ OR 3/8", WHICHEVER IS GREATER.