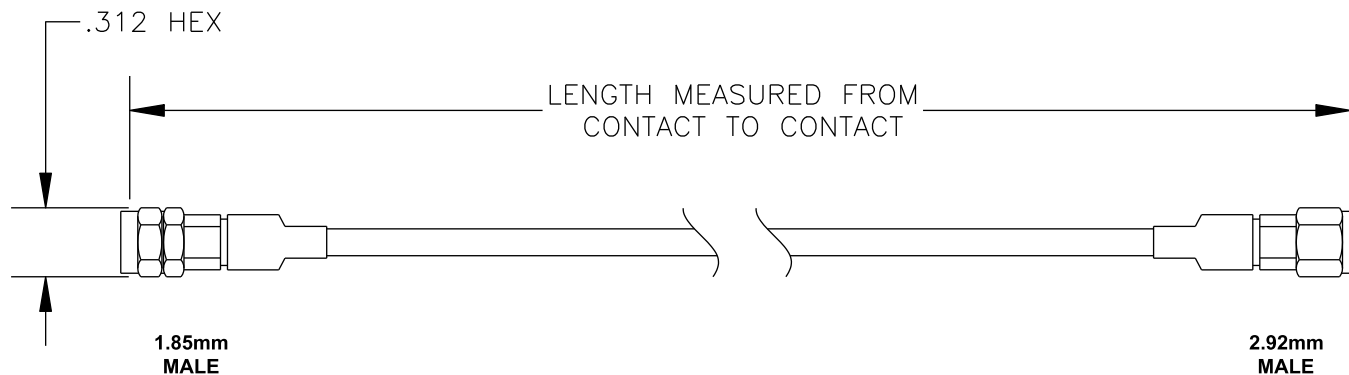


| COMPONENTS  | IMPEDANCE |
|-------------|-----------|
| 1.85mm MALE | 50 OHM    |
| 2.92mm MALE | 50 OHM    |
| PE-LL095P   | 50 OHM    |
|             |           |

| 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

|                         |                    |
|-------------------------|--------------------|
| Impedance               | 50 OHMS            |
| Velocity of Propagation | 69.5%              |
| Cut Off Frequency       | 65.0 GHz           |
| Max Operating Voltage   | 700 Volts RMS      |
| Nominal Capacitance     | 29.4 pf/ft         |
| RF Shielding            | Greater than 90 dB |

#### MECHANICAL PROPERTIES

|                 |                                      |
|-----------------|--------------------------------------|
| Bend Radius     | Minimum 1/2 Inch                     |
| Weight          | .175 oz/ft                           |
| Temp Range      | -55°F + 400°F                        |
| Inner Conductor | SIL PLT CU Clad Steel .020" Dia.     |
| Dielectric      | PTFE .062" Dia.                      |
| Outer Conductor | SIL PLT CU Ribbon & BRAID .080" Dia. |
| Jacket          | FEP .095" Dia.                       |



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COAXIAL & FIBER OPTICS

DWG TITLE

**PE36674-XX**

DES. 40 GHz FLEXIBLE CABLE ASSEMBLY,  
PE-LL095P, 1.85mm MALE TO 2.92mm MALE

REV. A **FSCM NO. 53919**

CAD FILE 030308

SCALE N/A

SIZE A 147

#### 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.