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**Cable Assembly – Waterproof U.FL to Reverse Polarity SMA  
Bulkhead Female, 105mm, O-Ring Seal**

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**ORDERING INFORMATION**

Order Number	Description
080-0013	Cable Assembly: Waterproof 105mm in Length with Reverse Polarity SMA Female Bulkhead, O-Ring Seal, and U.FL Connector Using 1.13mm Diameter Cable

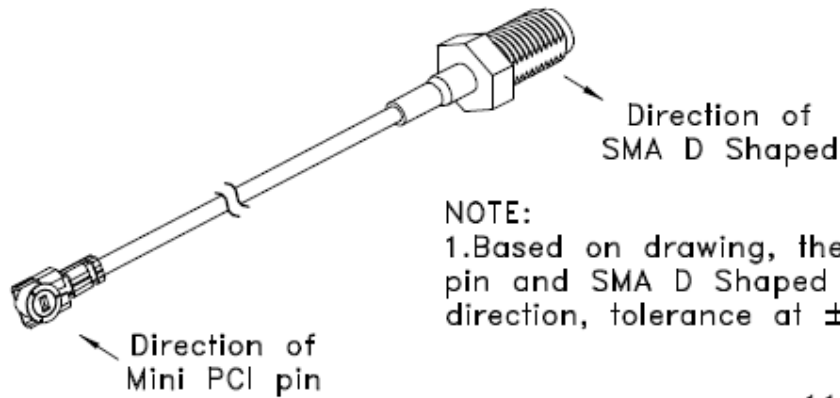
**Table 1 Orderable Part Numbers**

## SPECIFICATIONS

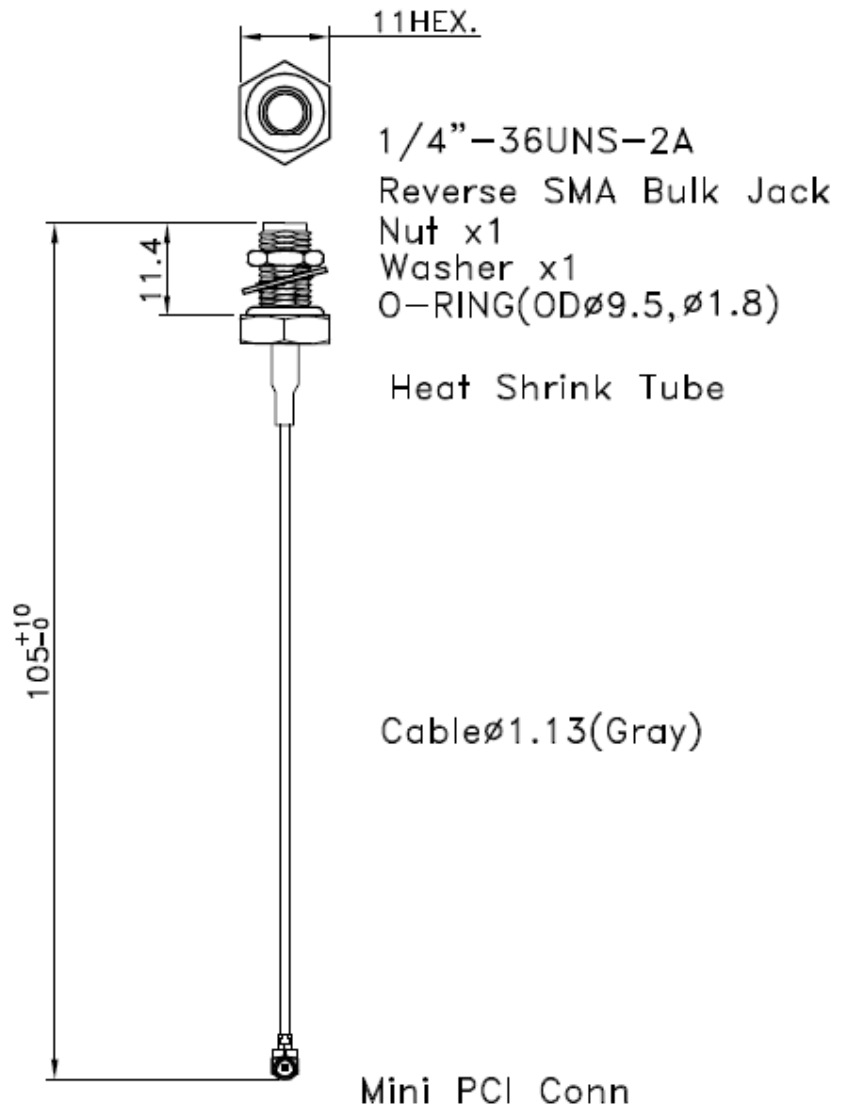
Specification	Value
Frequency Range	DC to 6 GHz
Impedance	50 ohms
Operating Temp	-40°C to +85° C
Rated Voltage	AC 60V
VSWR	< 1.2:1 @ 900 MHz
	< 1.5:1 @ 2440 MHz
	< 2.0:1 @ 4900 MHz
	< 2.0:1 @ 5900 MHz
IL	< 0.4dB @ 900 MHz
	< 0.6dB @ 2440 MHz
	< 1.5dB @ 4900 MHz
	< 2.0dB @ 5900 MHz
Bend Radius	6.8 mm minimum

**Table 2 Specifications**

**PHYSICAL DIMENSIONS (MM)**



**NOTE:**  
1. Based on drawing, the direction of Mini PCI pin and SMA D Shaped needed to be the same direction, tolerance at  $\pm 45$  degrees.

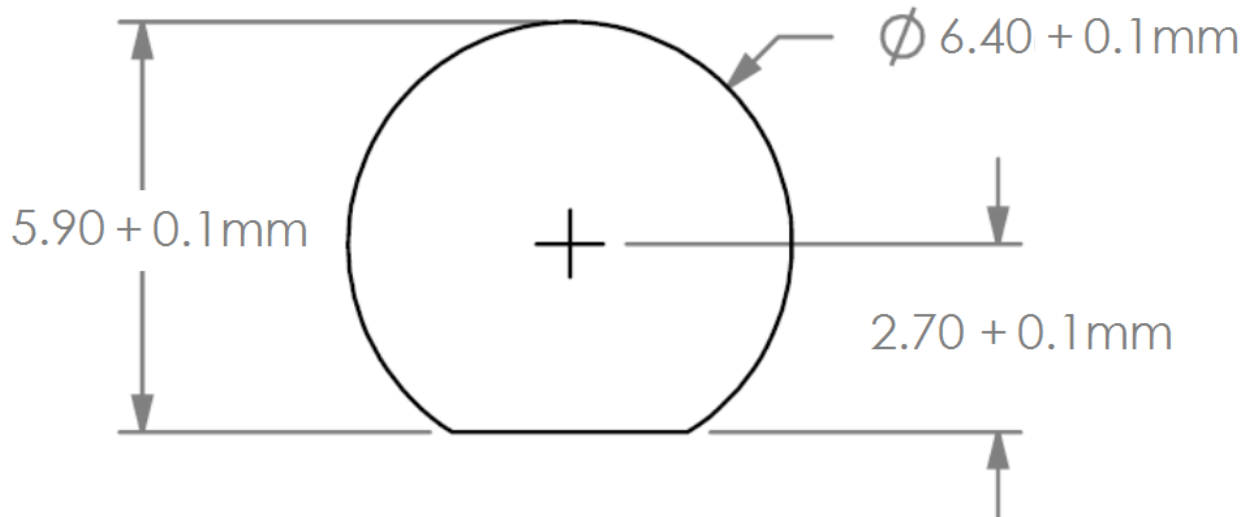


**Figure 1 Physical Dimensions**

**PANEL CUTOUT**

**RECOMMENDED PANEL CUTOUT**

3.80 MAX. PANEL THICKNESS



**Figure 2 Recommend Cutout**

## CONTACTING LS RESEARCH

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