

## Cable Assembly – U.FL to Reverse Polarity SMA Bulkhead Female



### ORDERING INFORMATION

Order Number	Description
<b>080-0001</b>	Cable Assembly: 105mm in Length with Reverse Polarity SMA Female Bulkhead and U.FL Connector using 1.13mm Diameter Cable.

**Table 1 Orderable Part Numbers**

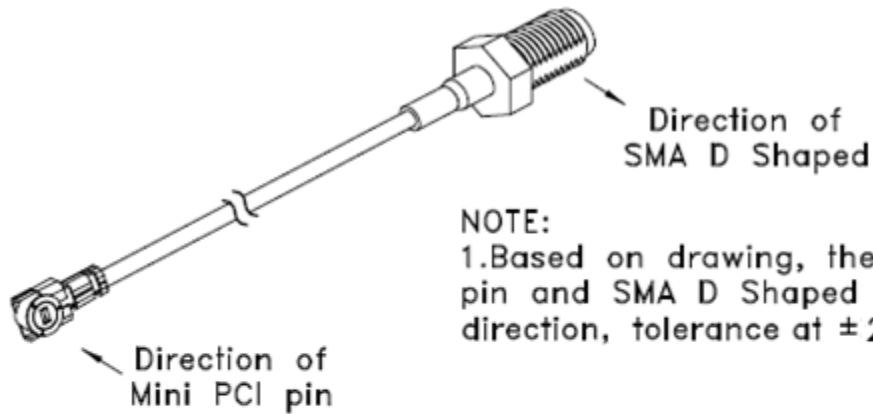
### SPECIFICATIONS

Specification	Value
Frequency Range	DC to 6GHz
Impedance	50 ohms
Operating Temp	-40° to +85° C
Rated Voltage	AC 60V
Contact Resistance	20m ohm max – signal and ground
Withstand Voltage	AC 200V
Insulation Resistance	500M ohm minimum/DC 100V
VSWR	< 1.2:1 @ 900MHz
	< 1.4:1 @ 2400MHz
	< 2.0:1 @ 4900MHz
	< 2.0:1 @ 5900MHz
IL	< 0.4dB @ 900MHz
	< 0.7dB @ 2400MHz
	< 1.5dB @ 4900MHz
	< 2.0dB @ 5900MHz
Bend Radius	6.8mm minimum

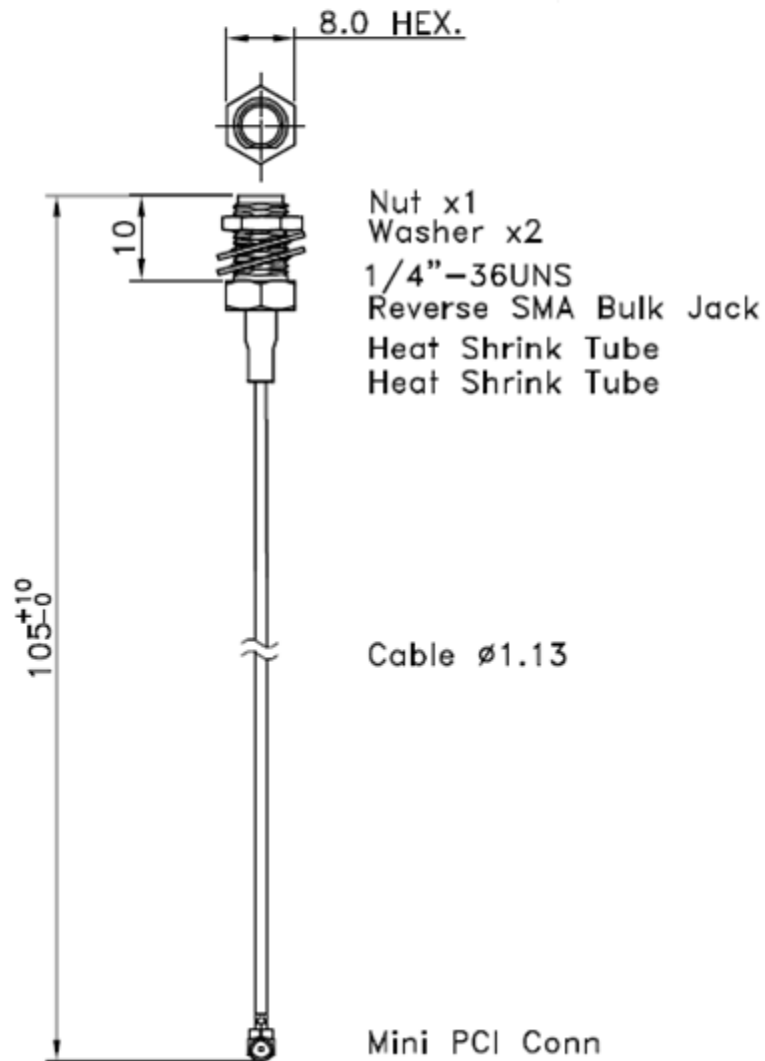
**Table 2 Specifications**

The information in this document is subject to change without notice.

**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  $\pm 20$  degrees

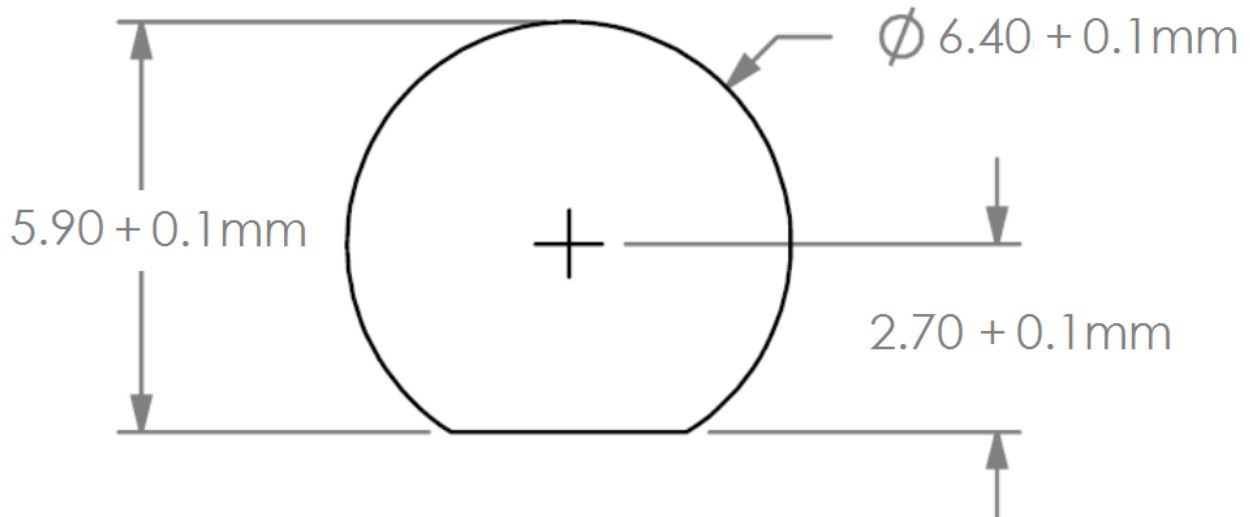


**Figure 1 Physical Dimensions**

**PANEL CUTOUT**

**RECOMMENDED PANEL CUTOUT**

3.80 MAX. PANEL THICKNESS



**Figure 2 Recommend Cutout**

## CONTACTING LS RESEARCH

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