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**Cable Assembly – Waterproof U.FL to Reverse Polarity SMA  
Bulkhead Female, 210mm, O-Ring Seal**

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**ORDERING INFORMATION**

| Order Number    | Description                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>080-0014</b> | Cable Assembly: Waterproof 210mm in Length with Reverse Polarity SMA Female Bulkhead, O-Ring Seal, and U.FL Connector Using 1.13mm Diameter Cable |

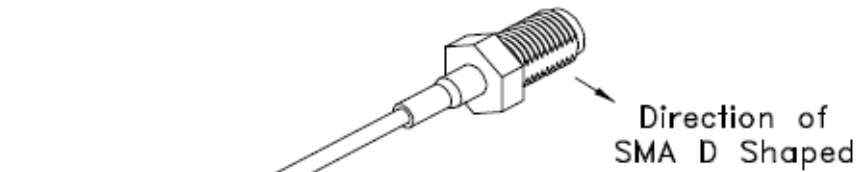
**Table 1 Orderable Part Numbers**

### 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              | < 0.6dB @ 900 MHz  |
|                 | < 1.0dB @ 2440 MHz |
|                 | < 1.5dB @ 4900 MHz |
|                 | < 2.0dB @ 5900 MHz |
| Bend Radius     | 6.8 mm minimum     |

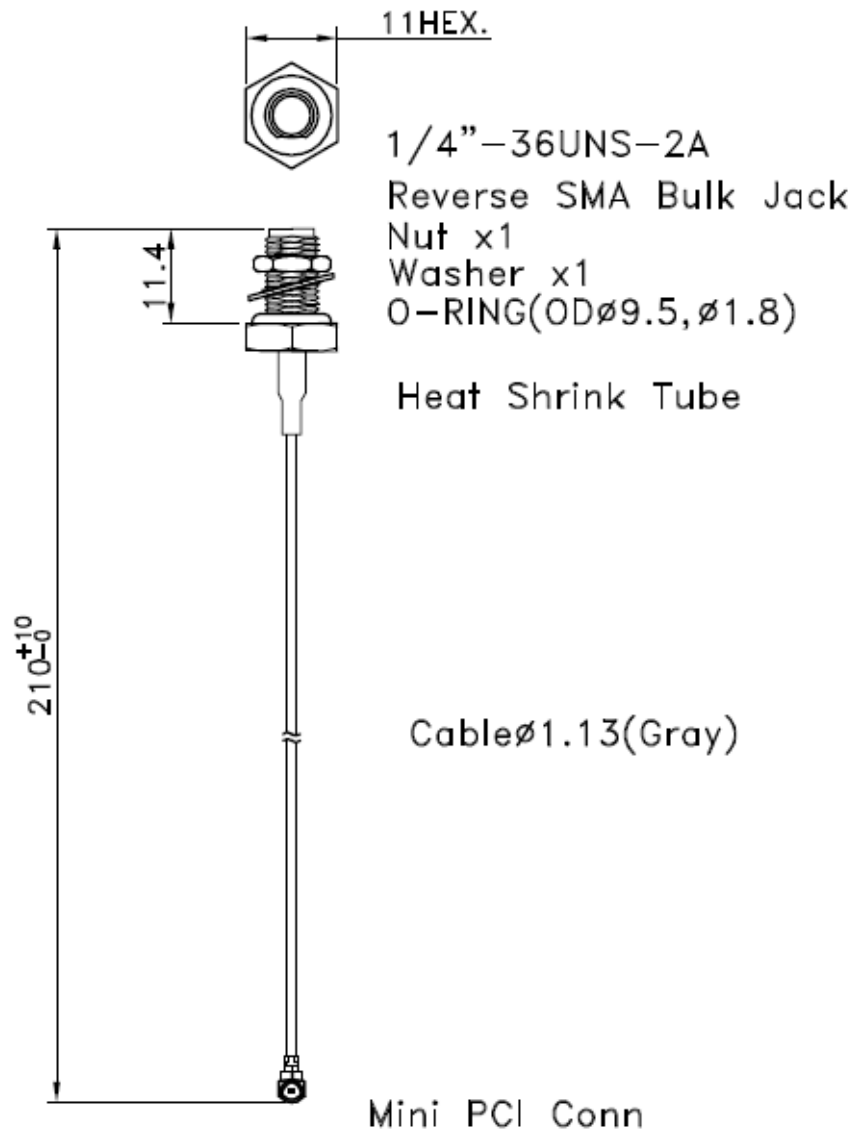
**Table 2 Specifications**

**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.

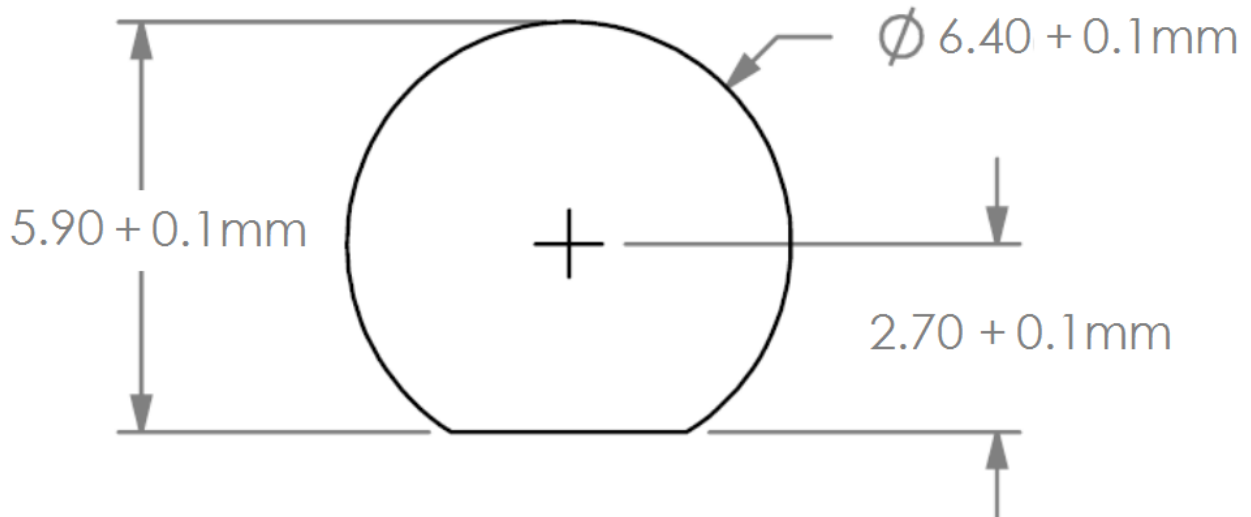


**Figure 1 Physical Dimensions**

**PANEL CUTOUT**

**RECOMMENDED PANEL CUTOUT**

3.80 MAX. PANEL THICKNESS



**Figure 2 Recommend Cutout**

### CONTACTING LS RESEARCH

|                          |                                                                                                                                |
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