**Description:** Low loss Mini Coax Jumper Cable

**PART NUMBER:** W90XX

**Series:** Cable Assembly

**Issue:** 1717

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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  Suzhou New District
  Jiangsu Province, Suzhou 215009 PR China
  Tel: 86 512 6807 9998

**Features:**

- Low Loss mini coax cable
- OD 1.13mm
- Various cable lengths and connector types, refer to page 2.
- RoHS compliant

**Applications:**

- SMA to U.FL jumper cable
- RF connections for radios and antennas
- Connection from radio to external antennas

All dimensions are in mm / inches
### Description: Low loss Mini Coax Jumper Cable

**PART NUMBER: W90XX**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>VSWR 2.4GHz/6GHz</th>
<th>Insertion Loss 2.4GHz/6GHz</th>
<th>Cable Length (in/mm)</th>
<th>Connector Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>W9003</td>
<td>1.3/1.6</td>
<td>-0.6dB/-1.4dB</td>
<td>3/76</td>
<td>RP-SMA Female to U.FL</td>
</tr>
<tr>
<td>W9003M</td>
<td>1.3/1.6</td>
<td>-0.6dB/-1.4dB</td>
<td>3/76</td>
<td>SMA Female to U.FL</td>
</tr>
<tr>
<td>W9006</td>
<td>1.3/1.6</td>
<td>-0.8dB/-1.7dB</td>
<td>6/150</td>
<td>RP-SMA Female to U.FL</td>
</tr>
<tr>
<td>W9006M</td>
<td>1.3/1.6</td>
<td>-0.8dB/-1.7dB</td>
<td>6/150</td>
<td>SMA Female to U.FL</td>
</tr>
<tr>
<td>W9009C</td>
<td>1.3/1.6</td>
<td>-1.0dB/-1.9dB</td>
<td>9/229</td>
<td>RP-SMA Female to U.FL</td>
</tr>
<tr>
<td>W9009M</td>
<td>1.3/1.6</td>
<td>-1.0dB/-1.9dB</td>
<td>9/229</td>
<td>SMA Female to U.FL</td>
</tr>
<tr>
<td>W9011</td>
<td>1.3/1.6</td>
<td>-1.3dB/-2.6dB</td>
<td>11/280</td>
<td>RP-SMA Female to U.FL</td>
</tr>
<tr>
<td>W9011M</td>
<td>1.3/1.6</td>
<td>-1.3dB/-2.6dB</td>
<td>11/280</td>
<td>SMA Female to U.FL</td>
</tr>
<tr>
<td>W9015</td>
<td>1.3/1.6</td>
<td>-1.4dB/-2.8dB</td>
<td>15/381</td>
<td>RP-SMA Female to U.FL</td>
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<tr>
<td>W9015M</td>
<td>1.3/1.6</td>
<td>-1.4dB/-2.8dB</td>
<td>15/381</td>
<td>SMA Female to U.FL</td>
</tr>
<tr>
<td>W9020</td>
<td>1.3/1.6</td>
<td>-1.6dB/-3.2dB</td>
<td>20/508</td>
<td>RP-SMA Female to U.FL</td>
</tr>
<tr>
<td>W9020M</td>
<td>1.3/1.6</td>
<td>-1.6dB/-3.2dB</td>
<td>20/508</td>
<td>SMA Female to U.FL</td>
</tr>
</tbody>
</table>

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Downloaded from Arrow.com.
## Description
Low loss Mini Coax Jumper Cable

**PART NUMBER:** W90XX

### ENVIRONMENTAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40→+85 °C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-40→+85 °C</td>
</tr>
<tr>
<td>RoHS Compliant</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

MECHANICAL DRAWING

Mechanical Dimensions

W90xx

See cable length chart

W90xxM

See cable length chart

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Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

VSWR

W90XX VSWR

![Graph showing VSWR vs Frequency for different part numbers.](image-url)
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

Insert Loss

W9003 & W9003M
Insert Loss(dB)

Frequency(MHz)
Description: Low loss Mini Coax Jumper Cable

Series: Cable Assembly

PART NUMBER: W90XX

CHARTS

Insert Loss

W9006 & W9006M

Insert Loss (dB)

Frequency (MHz)

Measured Spec
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

Insert Loss

W9009C & W9009M
Insert Loss(dB)

Frequency(MHz)

Measured Spec
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

Insert Loss

W9011 & W9011M

Insert Loss (dB)

Frequency (MHz)

Measured Spec
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

Insert Loss

W9015 & W9015M
Insert Loss(dB)

Measured Spec
TECHNICAL DATA SHEET

Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

CHARTS

Insert Loss

W9020 & W9020M
Insert Loss(dB)

0.0
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
-3.5
0 1000 2000 3000 4000 5000 6000
Frequency(MHz)

Insert Loss(dB)

Measured Spec

Downloaded from Arrow.com.
Description: Low loss Mini Coax Jumper Cable

PART NUMBER: W90XX

PACKAGING

50pcs /bag

500pcs/package box

Package box: 460mm*235mm*70mm