IGU Cable

The IGU cable connects each insulated glass unit (IGU) to a window controller. One end is connected to the IGU Smart Window Connector coming out of the IGU and the other end is connected to the window controller.

Dimensions

**Plenum**

Dimensions:
- Ø 0.39”
- Ø 0.39”
- Ø 0.26”

**Non-Plenum**

Dimensions:
- Ø 0.39”
- Ø 0.31”
- Ø 0.39”

**Wiring Diagram**

- **Male Pin Assignment**
  - 1
  - 2
  - 3
  - 4
  - 5

- **Female Pin Assignment**
  - 1
  - 2
  - 3
  - 4
  - 5

- **BARE**
  - RED
  - BLK
  - WHT
  - BLU

- **BARE**
  - RED 20 AWG
  - BLK 20 AWG
  - WHT 24 AWG
  - BLU 24 AWG

- **SHIELD**
  - V+
  - V−
  - CAN_H
  - CAN_L
Bend Radius

Non-Plenum Bend Radius

Plenum Bend Radius

Interconnect Identification

Find number (Length) on colored wrap, both ends of cable.
Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Material</td>
<td>Injection molded plastic</td>
</tr>
<tr>
<td>Max Current</td>
<td>4A</td>
</tr>
<tr>
<td>Max Voltage</td>
<td>300V</td>
</tr>
<tr>
<td>Cable Rating</td>
<td>All cables are IP67 rated. Communications, Plenum cable (CMP) rated cables are available.</td>
</tr>
<tr>
<td>Warranty</td>
<td>All cables and components carry a warranty for a period of 5 years from date of delivery by View. Refer to standard warranty terms and conditions for more details.</td>
</tr>
<tr>
<td>Jacket</td>
<td>PVC</td>
</tr>
</tbody>
</table>
| Rated Temperature (°C)         | -20° to 80°C (Non-Plenum)  
-20° to 75°C (Plenum)         |
| Cold Bend Testing (°C)         | -20°C for four hours of exposure |

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>380-101511-XX</td>
<td>Non-Plenum (Replace XX desired part numbers corresponding to length (in feet/meter))</td>
</tr>
<tr>
<td>380-101509-XX</td>
<td>Plenum (Replace XX desired part numbers corresponding to length (in feet/meter))</td>
</tr>
</tbody>
</table>

Requirements for Cold Weather Installation

If the cable has to be installed when the temperature is below 32°F, the following precautions should be taken to ensure that the jacket does not crack:

- Store the cable in a heated area with temperatures above 60°F for 24 hours before installation.
- Cables need to be handled with care and not dropped, kinked, or bent roughly.
- Pull cables slowly, use large sheaves and lubes suitable for cold temperatures.