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

Non-Plenum

Wiring Diagram

5 ← BARE
1 → RED
2 → BLK
3 → WHT
4 → BLU

BARE

SHIELD

RED 20 AWG
BLK 20 AWG
WHT 24 AWG
BLU 24 AWG

1 → V+
2 → V−
3 → CAN_H
4 → CAN_L
Bend Radius

Non-Plenum Bend Radius

Plenum Bend Radius

Interconnect Identification

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

Plenum Cable

Standard Cable
Specifications

<table>
<thead>
<tr>
<th>Housing Material</th>
<th>Injection molded plastic</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>Rated Temperature (°C)</td>
<td>-20° to 80°C (Non-Plenum)</td>
</tr>
<tr>
<td></td>
<td>-20° to 75°C (Plenum)</td>
</tr>
<tr>
<td>Cold Bend Testing (°C)</td>
<td>-20°C for four hours of exposure</td>
</tr>
</tbody>
</table>

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 50°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.