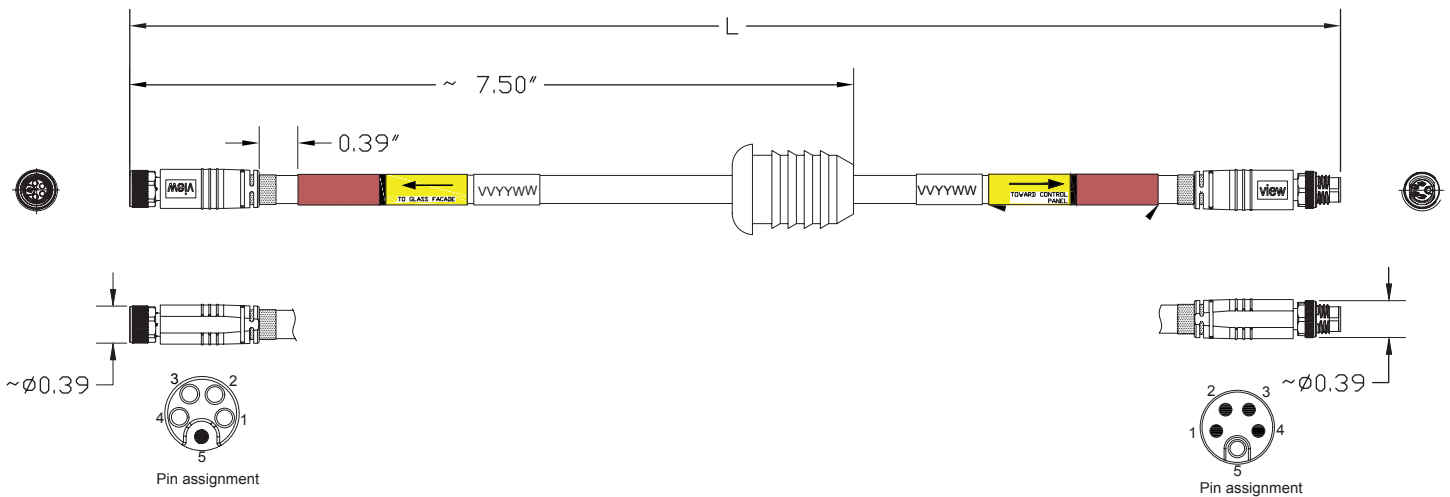


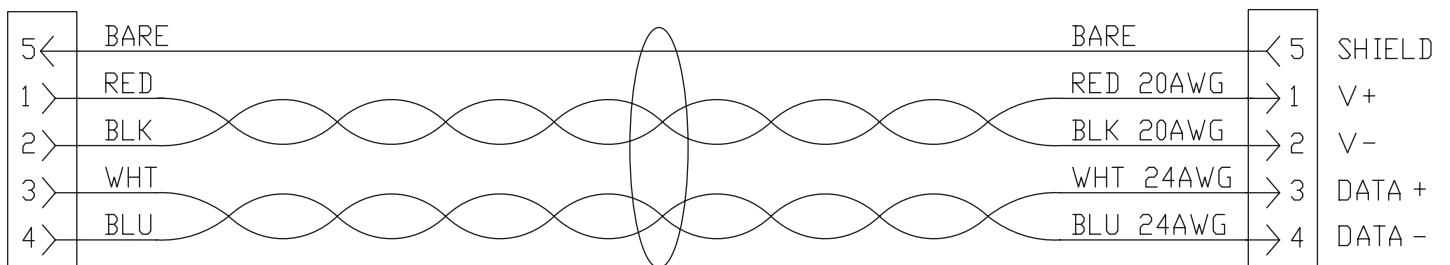
FEP IGU Cable

The FEP Cable is a Communications, Plenum Cable rated (CMP), for use in plenum spaces. The FEP 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. The window end has an integrated gromet that seals with the glazing frame. The gromet installs into a 7/16 hole and sealed with silicone.

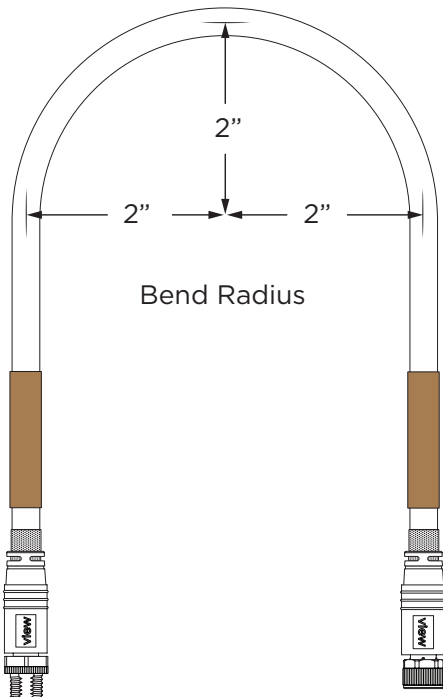
Dimensions



Wiring Diagram

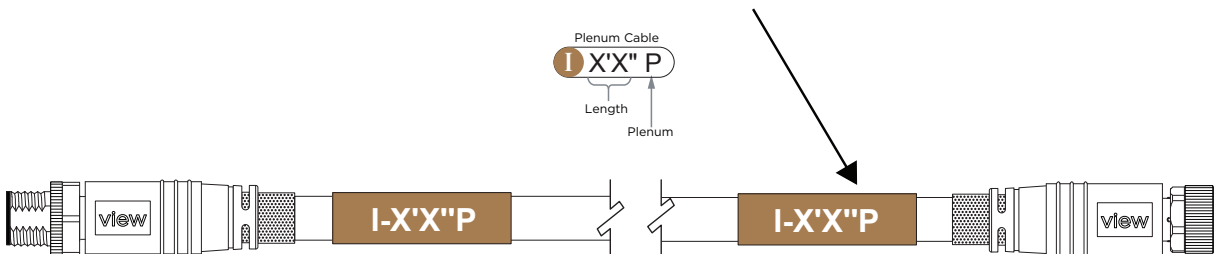


Bend Radius



Interconnect Identification

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



Specifications

Housing Material	Injection molded plastic
Max Current	4A
Max Voltage	300V
Cable Rating	All cables are IP67 rated.
Jacket	FEP (Fluorinated Ethylene Propylene)
Rated Temperature (°C)	-20°C - 75°C
Cold Bend Testing (°C)	-20°C for four hours of exposure
UL Testing	E307670 (UL) 20AWG/2C 24AWG/2C SHIELDED 75°C CMP ---- c (UL) 75°C CMP FT6
Grommet Material	100% silicone. Compatible with structural and weather sealants from Dow. Refer 'Dow Corning Americas Technical Manual'.
Grommet Tested to Standards	<ul style="list-style-type: none"> ASTM E283 ASTM E331 ASTM E2140 AAMA 501.1
Warranty	All cables and components carry a warranty for a period of five (5) years from the date of delivery by View. Refer to standard warranty terms and conditions for more details.

LENGTH CHART		
XX*	Length (ft)	Length (m)
01	1.0	0.3
02	2.0	0.6
03	3.3	1
04	4.11	1.5
05	6.6	2
06	8.2	2.5
07	9.10	3
08	11.5	3.5
09	13.1	4
10	14.9	4.5
11	16.4	5
12	18.0	5.5
13	19.8	6
14	21.3	6.5
15	22.11	7
16	24.7	7.5
17	26.2	8
18	27.10	8.5
19	29.6	9
20	31.2	9.5
21	32.9	10
22	35.0	10.66
23	40.0	12.9
24	45.0	13.71
25	50.0	15.24
26	55.0	16.76
27	60.0	18.28
28	65.0	19.81
29	70.0	21.33
30	75.0	22.86
31	80.0	24.38
32	85.0	25.90
33	90.0	27.43
34	95.0	28.95
35	100.0	30.48

↑ Grommet

↓

No Grommet

Ordering Information

Part Number	Part Description
380-101568-XX	FEP (Replace XX desired part numbers corresponding to length (ft/m))

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.