

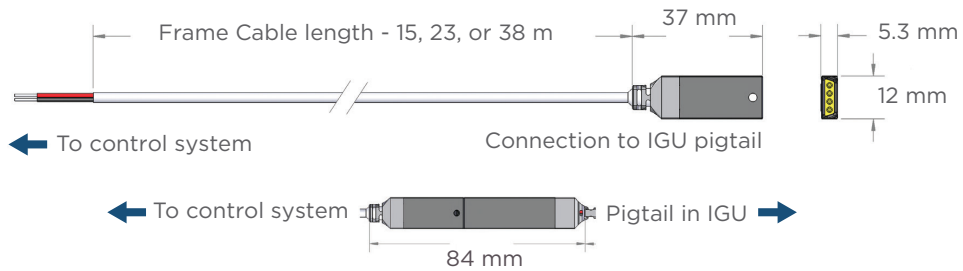
# PRODUCT SHEET

## FRAME CABLE

The SageGlass® Frame Cable connects the SageGlass insulating glass units (IGUs) to the control system. It can be ordered in a variety of lengths and conductor configurations to meet specific installation requirements.



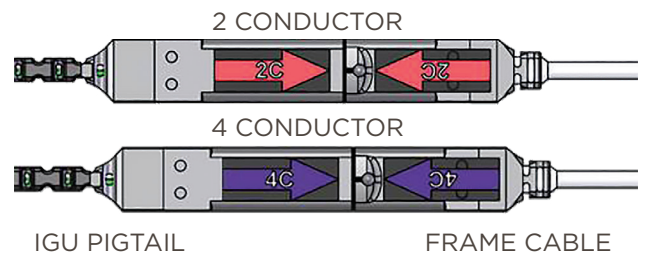
### PRODUCT DIMENSIONS



Frame Cable is joined to the IGU pigtail with an easy-snap connector in the glazing pocket.

### CONDUCTOR COUNT

Correct cable (2C or 4C) must be used per wiring/ elevation diagram.



Part Number	Cable Length	Conductors	Wire Gauge	Nominal Diameter
330-0140-001	15 m	2	0,5 mm <sup>2</sup>	5,6 mm
330-0140-002	23 m	2	0,5 mm <sup>2</sup>	5,6 mm
330-0140-003	38 m	2	0,5 mm <sup>2</sup>	5,6 mm
330-0141-001	15 m	4	0,5 mm <sup>2</sup>	6,0 mm
330-0141-002	23 m	4	0,5 mm <sup>2</sup>	6,0 mm
330-0141-003	38 m	4	0,5 mm <sup>2</sup>	6,0 mm

Temperature rated -20 °C to 70 °C.

## INSTALLATION CONSIDERATIONS

To protect the cable from damage while routing it through the framing system, use the grommets provided. A 10 mm hole is required to install grommets. Frame Cables should be conditioned for 24 hours at room temperature prior to installation. The cables should never be installed below -20°C ambient temperature. Once installed, the cables must not be exposed to sunlight, even inside the building. If they are installed in an exposed location (interior or exterior), they must be covered or painted (latex/water-based paint only). Non-adherence to these guidelines will void the warranty.

Parameter	2 Conductor Cable	4 Conductor Cable
Flame Retardant	IEC 60332-1-2	IEC 60332-1-2
Reaction to Fire (EN 50575)	B2 <sub>ca</sub> -s1, d1, a1	B2 <sub>ca</sub> -s1, d1, a1
Halogen Free	IEC 60754-1	IEC 60754-1
Non Corrosive Gas	IEC 60754-2	IEC 60754-2
Conductivity	≤ 100 μS/mm	≤ 10 μS/mm
pH Value	≥ 2.5	≥ 4.3
Non Dense Smoke	IEC 61034	IEC 61034
Max Pulling Tension	60 N	120 N
Min Bending Radius	28 mm	30 mm
Min Setting Radius	56 mm	60 mm
Nominal Resistance Conductor	34 Ω/km	34 Ω/km
Nominal Capacitance Conductor to Conductor @ 1kHz	90 pF/m	90 pF/m
Test Voltage Conductor to Conductor	2200 VDC	2200 VDC
Voltage Rating	300 V RMS	300 V RMS
Max Current per Conductor @ 25°C	3.75 A per conductor	3.75 A per conductor
Print	SAINT-GOBAIN / SAGE GLASS - BELDEN YE05081 HALOGEN FREE 70C/-20C 2X0,5mm <sup>2</sup> (AWG 20) VDATECODE + METERMARKING	SAINT-GOBAIN / SAGE GLASS - BELDEN YE05082 HALOGEN FREE 70C/-20C 4X0,5mm <sup>2</sup> (AWG 20) VDATECODE + METERMARKING

### WHY SAGEGLASS?

**1,000+**  
Installations

**27+**  
Countries

**1,000+**  
Patents

SageGlass® is the pioneer of the world's smartest dynamic glass. Electronically tintable SageGlass tints or clears automatically to optimize daylight levels while preventing heat and glare without the need for blinds or shades. SageGlass delivers superior comfort, enhances occupant well-being and saves energy. As part of Saint-Gobain, SageGlass is backed by more than 350 years of building science expertise that only the world leader in sustainable environments can provide.

For additional product and instructional information, visit: [sageglass.com/resources](https://sageglass.com/resources)

