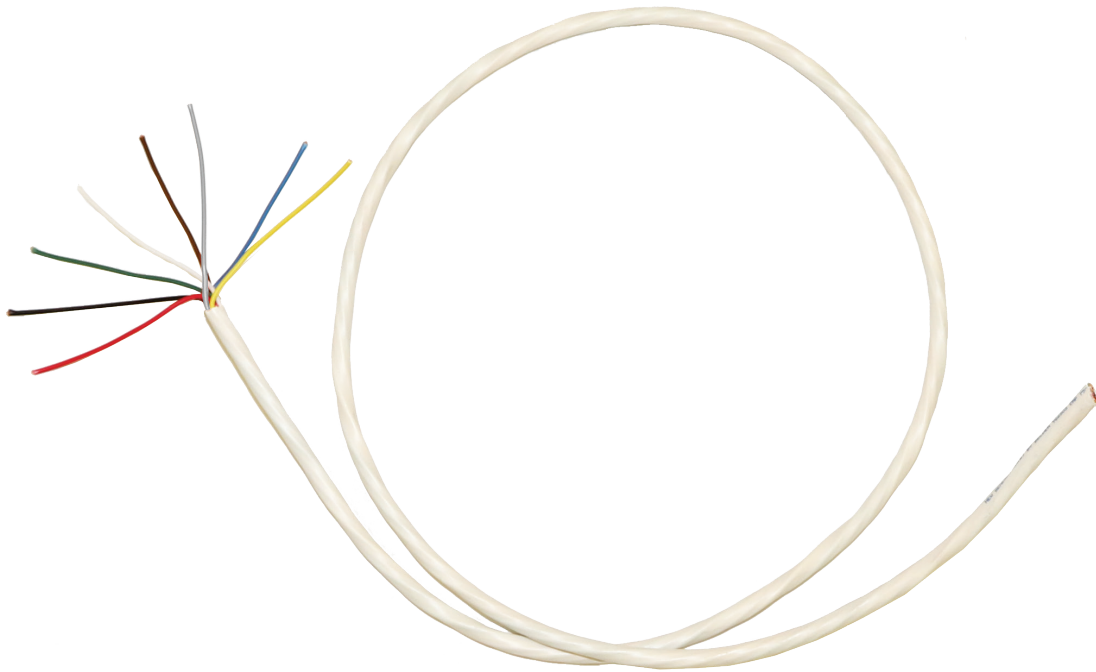


Product Sheet: 8-Conductor Cable

The 8-Conductor Cable connects the SageGlass Symphony® Control Panel to the Terminal Box in installations where the insulating glass units (IGUs) and the Control Panel are more than 38 meters apart. The 8-Conductor Cable uses 16 AWG wires.



Product Dimensions

Part Number	Wire Gauge	Nominal Diameter	Sheathing Color	Spool Length
330-0127-001	1.5 mm ²	10 mm	White	150 m
330-0127-002	1.5 mm ²	10 mm	White	300 m

Operating Temperature -20 to 75 °C

Product Ratings

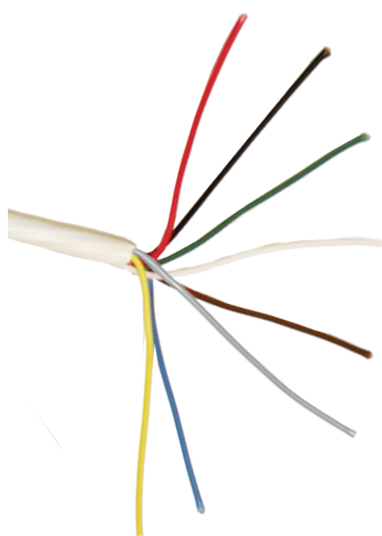
Plenum rated



Specifications

Parameter	Specifications
Flame Retardant	IEC 60332-1-2
Reaction to Fire (EN 50575)	B2 _{ca} -s1, d1, a1
Halogen Free	IEC 60754-1
Non Corrosive Gas	IEC 60754-2
Conductivity	< 2.5
pH Value	> 4.3
Non Dense Smoke	IEC 61034
Max Pulling Tension	500 N
Min Bending Radius	50 mm
Min Setting Radius	100 mm
Nominal Resistance Conductor	13.2 Ω/km
Nominal Capacitance Conductor to Conductor @ 1kHz	105 pF/m
Test Voltage Conductor to Conductor	2500 VDC, 3 seconds
Voltage Rating	300 V RMS
Max Current per Conductor @ 25°C	4.2 A per conductor

Printed once every meter: Saint-Gobain / SageGlass - Belden ye05085 Halogen free
70c/-20c 8x1,5mm2 (awg 16) vdatecode + metermarking



Wire Colors

Primary Color
Red
Black
White
Green
Brown
Gray
Blue
Yellow

Installation

8-Conductor Cables should be conditioned for 24 hours at room temperature prior to installation. The cables should never be installed below 0° C ambient temperature. Once installed, the cables must not be exposed to sunlight, even through glass. If they are installed in an exposed location, they must be covered or painted (latex/water-based paint only). Non-adherence to these guidelines will void the warranty.