

# Somfy SDN Cable

Lancaster offers the Somfy SDN composite control and power cable to its trade partners including Interior Designers, Architects, Institutional Buyers, Independent Workrooms and A/V Companies.

This yellow SDN low-voltage-motor power and data cable for Sonesse Ultra 50 and Sonesse 30 is now available in 100', 500', and 1,000' reels from Lancaster & Associates. This equates to significant budget savings for smaller-scale installations, and eliminates the waste and warehousing of excess materials (and cash flow) by ordering the right size for your project.



## SOMFY SDN NonPlenum Features & Specifications

### Applications

Somfy Systems plenum control cable  
Plenum RS-232C, RS-485 simplex data and control  
Plenum control and communication cable

### Component 1:

22 AWG data triad  
7-strand annealed bare copper conductors  
Foam fluorinated ethylene propylene insulation  
Alum/poly shield foil in 24 AWG 7-strand tinned copper drain wire

### Electrical

22 AWG DCR: 16.6  $\Omega$  / 1000' | 54.2  $\Omega$ /KM  
Mutual capacitance: 12.0 pF/FT | 39.4 pF/M  
Shield DCR: 22.5  $\Omega$  / 1000' | 73.8  $\Omega$ /KM  
Impedance: 107  $\Omega$  Voltage rating: 300V  
14 AWG DCR: 2.07  $\Omega$  / 1000' | 6.79  $\Omega$ /KM  
Maximum current: 8A@25°C

### Component 2:

14 AWG power pair  
41-strand annealed bare copper conductors  
Plenum rated polyvinyl chloride insulation

### Installation

Pull Tension: 86 Lbs | 383 N  
Bend radius: 2.66" | 68mm unloaded  
Bend radius: 5.32" | 136mm loaded  
Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32°F | 0°C ambient temperature

## SOMFY SDN Plenum Features & Specifications

### Applications

Somfy Systems control cable  
Non-plenum RS-232C, RS-485 simplex data and control  
Non-plenum control and communication cable

### Component 1:

22 AWG data triad  
7-strand annealed bare copper conductors  
Foamed polyethylene insulation  
Alum/poly shield foil in 24 AWG 7-strand tinned copper drain wire

### Electrical:

22 AWG DCR: 16.6  $\Omega$  / 1000' | 54.2  $\Omega$ /KM  
Mutual capacitance: 12.5 pF/FT | 41.0 pF/M  
Shield DCR: 22.5  $\Omega$  / 1000' | 73.8  $\Omega$ /KM  
Impedance: 100  $\Omega$  Voltage rating: 300V  
14 AWG DCR: 2.07  $\Omega$  / 1000' | 6.79  $\Omega$ /KM  
Maximum current: 8A@25°C

### Component 2:

14 AWG power pair  
41-strand annealed bare copper conductors  
Semi-rigid polyvinyl chloride insulation

### Installation

Pull Tension: 86 Lbs | 383 N  
Bend radius: 2.84" | 73mm unloaded  
Bend radius: 5.68" | 145mm loaded

L&A provides Somfy SDN cable in 100', 500' and 1,000' reels to accommodate the material needs for jobs small and large.



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# Somfy SDN List Pricing

Somfy SDN cable is the perfect complement to Somfy's Digital Network, the latest generation of bus-line enabled Intelligent Tubular Motors and Smart Switch Controls. The SDN components are integrated into a cost effective system designed to operate a wide range of end products such as solar screens, projection screens and Venetian blinds over a standard RS-485 network.



Lancaster & Associates  
I N C O R P O R A T E D

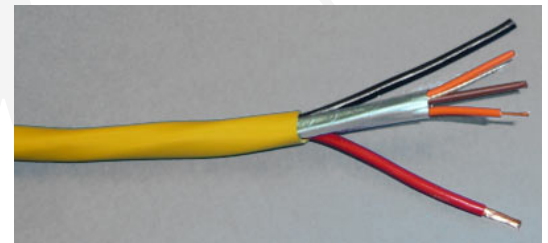
This yellow-jacketed, 0.285" cable comes in both Plenum and NonPlenum configurations consisting of a 22 AWG stranded, twisted and shielded data triad and a 14 AWG stranded, twisted, and unshielded power pair overall jacketed NEC type CL3R (NonPlenum) and CL3P 75° (Plenum) Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725. Cable is EU RoHS-2 2011/65/EU Compliant.

Lancaster & Associates Standard Terms of Sale apply to all prices. All prices include packaging and UPS Ground freight charge. Orders received by 1:30 p.m. CST will ship same day. Prices and design modifications are subject to change without notice.

## SOMFY SDN CABLE PRICING

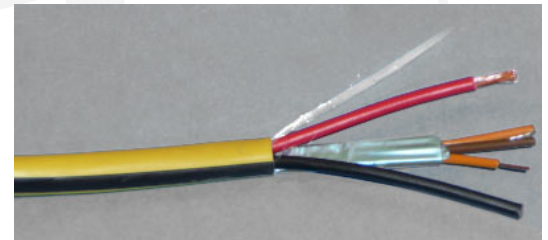
### SOMFY SDN CABLE, NON-PLENUM

Product SKU	Ft/Roll	Price*
SOM-9020126.0100	100'	118.00
SOM-9020126.0500	500'	333.00
SOM-9020126.1000	1,000'	534.00



### SOMFY SDN CABLE, PLENUM

Product SKU	Ft/Roll	Price*
SOM-9020127.0100	100'	159.00
SOM-9020127.0500	500'	454.00
SOM-9020127.1000	1,000'	731.00



\*Pricing including packaging and UPS Ground Freight Charges

### EXPEDITED SHIPPING CHARGES

UPS 2nd Day	Price
100' Roll	45.00
500' Roll	140.00
1,000' Roll	310.00
UPS Next Day	Price
100' Roll	95.00
500' Roll	190.00
1,000' Roll	365.00

### Packaging Dimensions

100' roll	10" x 10" x 10"	5lbs
500' roll	10" x 10" x 10"	25lbs
1000' roll	16" x 16" x 16"	60lbs

# somfy.

Orders received by 1:30 p.m. CST will ship same day

For more information: Lancaster & Associates | 10910 Alder Circle, Dallas, TX 75238 | (214) 340-0359  
**BUY SOMFY SDN CABLE IN OUR ONLINE SHOP: [LancasterAndAssoc.com/shop](http://LancasterAndAssoc.com/shop)**