

Part Number: 5341FE

Security & Sound, #18-2pr, BC, Shielded, CMR



Product Description

Security & Sound Cable, Riser-CMR, 2-18 AWG stranded bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	2
Conductor Count:			4
Conductor Size:			18 AWG

Insulation	
Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart	
Number	Color
1	Black & Red
2	Black & White

Outer Shield Material					
Material	Material Trade Name	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Aluminum/Polyester	Beldfoil®	TC - Tinned Copper	mm mm	24	Solid

Outer Jacket Material		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.25 in	0.017 in

Construction and Dimensions

Print Legend:	NEW GENERATION(R) BY BELDEN 5341FE CMR 75C 2PR18 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	Nominal Outer Shield DCR
6.55 Ohm/1000ft	13.1 Ohm/1000ft

Capacitance	
Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
29 pF/ft	52.25 pF/ft
Shielding: Foil(s) or Copper Tape(s)	

Current	
Element	Max. Recommended Current [A]
10C Temperature Rise	4 Amps per conductor @ 25°C A

Voltage
UL Voltage Rating

300 V RMS

Mated Connection

Min. PSAACRF TIA* (dB)

28.7 dB

Temperature Range

Operating Temp Range: -20°C To +70°C

Mechanical Characteristics

Bulk Cable Weight: 33 lbs/1000ft

Max Recommended Pulling Tension: 103.6 lbs

Min Bend Radius/Minor Axis: 2.5 in

Standards

CEC/C(UL) Specification: CMG

CPR Euroclass: Eca

Applicable Environmental and Other Programs

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: UL1666 Riser

CSA Flammability: FT4

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Footnote
5341FE.00305	Chrome	
5341FE 0081000	Gray	C
5341FE 008500	Gray	C
5341FE 008U1000	Gray	
5341FE 0081200	Gray	
5341FE 0081200	Gray	
5341FE 0081500	Gray	
5341FE 0081500	Gray	

Footnote: C - CRATE REEL PUT-UP.

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