



Product: 5300FE ☑

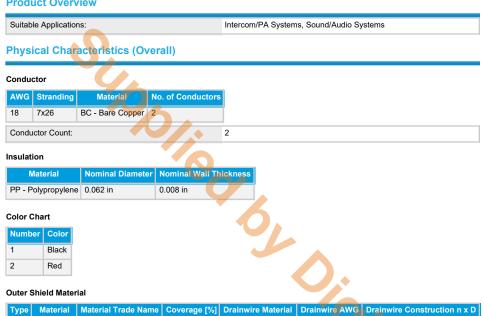
Security & Sound, 2 Conductor 18 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-18 AWG stranded bare copper conductors with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview



TC - Tinned Copper 24

Outer Jacket Material

Alum / Poly

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.162 in	0.017 in	Yes

100 %

Construction and Dimensions

Cabling

Tape

6.9 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR Nominal Outer Shield DCR 6.5 Ohm/1000ft 16.25 Ohm/1000ft

Capacitance

Inductance

Nominal Inductance

0.145 µH/ft

Current

Max. Recommended Current [A]

Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	18 lbs/1000ft
Max Recommended Pulling Tension:	57.5 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser	
EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2003/96/EC (BFR):	Yes	
EU Directive 2011/65/EU (ROHS II):	Yes	
EU Directive 2012/19/EU (WEEE):	Yes	
EU Directive 2015/863/EU:	Yes	
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)	
EU CE Mark:	Yes	
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01	
MII Order #39 (China RoHS):	Yes	

Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

Flammability, LS0H, Toxicity Testing

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Suitability - Indoor:	Yes	
Suitability - Outdoor:	No	
Suitability - Sunlight Resistance:	No	
Flammability, LS0H, Toxicity 1	esting	4 **
C(UL) Flammability:	FT4	
UL Flammability:	UL1666 Vertical Shaft	
ISO/IEC Flammability:	IEC 60332-1-2	U _A
UL voltage rating:	300 V RMS	
Plenum/Non-Plenum		
Plenum (Y/N):	No	
Plenum Number:	6300FH	

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6300FH

Variants

Item #	Color	Putup Type	Length	UPC/EAN
5300FE 0101000	Black	Reel	1,000 ft	612825158981
5300FE 010U1000	Black	UnReel	1,000 ft	612825423362
5300FE 010Z1000	Black	ReelTuff Box	1,000 ft	612825159025
5300FE 0061000	Blue, Light	Reel	1,000 ft	612825350323
5300FE.00152	Chrome	Reel	152 m	8719605008145
5300FE.00305	Chrome	Reel	305 m	8719605008152
5300FE.K0305	Chrome	Reel	305 m	8719605008169
5300FE 0081000	Gray	Reel	1,000 ft	612825158974
5300FE 008500	Gray	Reel	500 ft	612825336754
5300FE 008U1000	Gray	UnReel	1,000 ft	612825158950
5300FE 008U500	Gray	UnReel	500 ft	612825423348
5300FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825350330
5300FE 0031000	Orange	Reel	1,000 ft	612825350309
5300FE 0021000	Red	Reel	1,000 ft	612825423331
5300FE 002Z1000	Red	ReelTuff Box	1,000 ft	612825350293
5300FE 0071000	Violet	Reel	1,000 ft	612825158967
5300FE 0091000	White	Reel	1,000 ft	612825423355
5300FE 009Z1000	White	ReelTuff Box	1,000 ft	612825158998
5300FE 0041000	Yellow	Reel	1,000 ft	612825350316

Footnote:

C - CRATE REEL PUT-UP.

History

Update and Revision:

Revision Number: 0.300 Revision Date: 04-08-2020

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