



Product: [5543PE](#)

Security & Sound, #22-4pr, BC, Individ. Foil, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-22 AWG stranded bare copper pairs with PVC insulation, Individually Beldfoil® shielded and PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	4	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.002 in (0.051 mm)	Black/Red & Red, Black/White & White, Black/Green & Green, Black/Blue & Blue

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.303 in	Yes

Overall Cable Diameter (Nominal):	0.303 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
17.6 Ohm/1000ft	19.44 Ohm/1000ft (63.78 Ohm/km)	50 pF/ft (160 pF/m)	90 pF/ft (300 pF/m)	4.2 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
3.03 in (77.0 mm)	3.03 in

Max. Pull Tension:	78.3 lbs (35.5 kg)
Bulk Cable Weight:	49 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEEE 1202 FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark

History

Update and Revision:	Revision Number: 0.301 Revision Date: 03-27-2024
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Part Numbers

Variants

Item #	Color	UPC
5543PE 0081000	Gray	612825164371

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