



**Product:** [7949A](#)

Composite Data, Audio, Video, Security and Control Cable



### Product Description

Composite - (1) Cat 5e 4-bonded-pair UTP 24 AWG, (4)16 AWG stranded (65x34) bare copper conductors, polyolefin insulation (pairs), PVC insulation (conductors), overall F-R PVC jacket, sequentially marked, CMR rated.

### Technical Specifications

#### Product Overview

Suitable Applications:	Data, control
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#### Physical Characteristics (Overall)

Conductor Count:	12
Total Number of Pairs:	4

#### Temperature Range

Installation Temperature Range:	-25°C to +75°C
UL Temp Rating:	60°C
Operating Temperature Range:	-25°C to +75°C

#### Mechanical Characteristics

Bulk Cable Weight:	83 lbs
Max. Pull Tension:	141 lbs

#### Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG
CPR Euroclass:	Eca

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	Yes

#### Suitability

Suitability - Aerial:	Yes - Black only, when supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black only

#### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
7949A N3U500	Green, Mil	Reel	500 ft	612825003687
7949A N3U1000	Green, Mil	Reel	1,000 ft	612825001447

Footnote:	C - CRATE REEL PUT-UP.
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## History

Update and Revision:	Revision Number: 0.135 Revision Date: 05-31-2024
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