



## Part Number: 1474A

300V, (2 pr) 18 AWG (7x26) BC, (1) 22 AWG (7x30) BC, PVC/PVC, IS/OS, PLTC-ER, CMG

### Product Description

Two 18 AWG pairs stranded (7x26) bare copper conductors, one 22 AWG stranded (7x30) bare copper conductor, twisted pairs, PVC insulation, Individual and overall Beldfoil® shield (100% coverage), PVC jacket.

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
18	7x26	BC - Bare Copper		2
22	7x30	BC - Bare Copper	1	

Conductor Count:	5
Total Number of Pairs:	2
Total Number of Triads:	N/A
AWG Size:	18

##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in
PVC - Polyvinyl Chloride	0.019 in

##### Color Chart

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Orange

##### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	20	7x28 mm
					TC - Tinned Copper	

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18	7x26 mm

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.410 in	0.053 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Element	Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
18 AWG	10.3 Ohm/1000ft	6.7 Ohm/1000ft	6 Ohm/1000ft
22 AWG		16.5 Ohm/1000ft	

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
51 pF/ft	92 pF/ft

#### Current

Max. Recommended Current [A]
4 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300V RMS

#### Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

#### Mechanical Characteristics

Bulk Cable Weight:	94 lbs/1000ft
Max Recommended Pulling Tension:	149 lbs
Min Bend Radius/Minor Axis:	4 in

#### Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	2464

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

#### Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 UL Loading
ICEA Flammability:	T-29-520
IEEE Flammability:	1202

#### Part Number

Plenum (Y/N):	No
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#### Variants

Item #	Color	Footnote
1474A 0107500	BLACK	C Z
1474A 0061000	BLUE, LIGHT	C
1474A 0067500	BLUE, LIGHT	C

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

## Product Notes

Notes:	Alternate color coding available upon request.
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