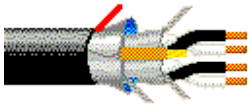


## 1492A Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### Description:

16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, individually shielded plus an overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	2	16	7x24	BC - Bare Copper
1		22	7x30	BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

#### Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG	Stranding	Conductor Material
18	7x26	TC - Tinned Copper

#### Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
16	7x24	TC - Tinned Copper	

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.053

Outer Jacket Ripcord: Yes

#### Overall Cabling

Overall Cabling Lay Length & Direction:

Length (in.)
5.8

Overall Nominal Diameter: 0.450 in.

#### Pair

Pair Color Code Chart:

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

## 1492A Multi-Conductor - 300V Power-Limited Tray Cable

Communication Wire	Orange
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### Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.500	4.800

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	161 lbs/1000 ft.
Max. Recommended Pulling Tension:	232 lbs.
Min. Bend Radius (Install)/Minor Axis:	4.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 105°C)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

#### Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
60

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
110

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
16 AWG	3.67
22 AWG	14.7

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.3

## 1492A Multi-Conductor - 300V Power-Limited Tray Cable

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 5.070 Ohm/1000 ft

**Max. Operating Voltage - UL:**

<b>Voltage</b>
300 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1492A J22S7500	7,500 FT	885.000 LB	BLUE, STRONG		2 FS PR #16 + 1 #22 PVC FS PVC
1492A 0107500	7,500 FT	885.000 LB	BLACK	C Z	2 FS PR #16 + 1 #22 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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

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