



Product: [62T1624](#)

Inst PVC/PVC, 24 Tri #16 Str BC, PVC-NYL Ins E1, IS/OS, Blk PVC Jkt, TC NPLF 90C Dry 75C Wet

Product Description

UL Instrumentation, 24 Triad 16AWG (7x24) Bare Copper, PVC-NYL Insulation E1 Color Code, Individual & Overall Beldfoil® Shield, Black PVC Outer Jacket, TC NPLF 90C Dry 75C Wet SUN RES DIR BUR

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter
16	7x24	BC - Bare Copper	0.057 in

Conductor Count:	72
Total Number of Triads:	24

Insulation

Material	Nominal Diameter
PVC/Nylon - Polyvinyl Chloride + Nylon	0.099 in

Color Chart

Number	Color
Triad 1	Black, White and Red Numbered 1
Triad 2	Black, White and Red Numbered 2
Triad 3	Black, White and Red Numbered 3
Triad 4	Black, White and Red Numbered 4
Triad 5	Black, White and Red Numbered 5
Triad 6	Black, White and Red Numbered 6
Triad 7	Black, White and Red Numbered 7
Triad 8	Black, White and Red Numbered 8
Triad 9	Black, White and Red Numbered 9
Triad 10	Black, White and Red Numbered 10
Triad 11	Black, White and Red Numbered 11
Triad 12	Black, White and Red Numbered 12
Triad 13	Black, White and Red Numbered 13
Triad 14	Black, White and Red Numbered 14
Triad 15	Black, White and Red Numbered 15
Triad 16	Black, White and Red Numbered 16
Triad 17	Black, White and Red Numbered 17
Triad 18	Black, White and Red Numbered 8
Triad 19	Black, White and Red Numbered 9
Triad 20	Black, White and Red Numbered 20
Triad 21	Black, White and Red Numbered 21
Triad 22	Black, White and Red Numbered 22
Triad 23	Black, White and Red Numbered 23
Triad 24	Black, White and Red Numbered 24

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.036 in	20

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.036 in	20

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	1.446 in	0.085 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

Temperature Range

UL Temp Rating:	90°C Dry/75°C Wet
Operating Temp Range:	-25°C To +90°C

Mechanical Characteristics

Bulk Cable Weight:	1153 lbs/1000ft
Min Bend Radius (Overall):	15.0 in

Standards

NEC Articles:	Article 336
NEC/(UL) Compliance:	NPLF, TC-ER
IEEE Compliance:	1202

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:	Yes

Suitability

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

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	UL 1685 Vertical Tray
CSA Flammability:	FT4
IEEE Flammability:	1202
UL voltage rating:	600 V RMS (Type TC)

Part Number

Variants

Item #	Putup Type	UPC
62T1624 0102500	Reel	612825360810

History

Update and Revision:	Revision Number: 0.28 Revision Date: 02-16-2021
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