



Product: [62P1804](#)

Inst PVC/PVC, 4 Pr #18 Str BC, PVC-NYL Ins E1, IS/OS, Blk PVC Jkt, TC-ER NPLF 90C Dry 75C Wet

Product Description

UL Instrumentation, 4 Pair 18AWG (7x26) Bare Copper, PVC-NYL Insulation E1 Color Code, Individual & Overall Beldfoil® Shield, Black PVC Outer Jacket, TC-ER NPLF 90C Dry 75C Wet SUN RES DIR BUR

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	4

Conductor Count:	8
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Insulation

Material	Nominal Diameter
PVC/Nylon - Polyvinyl Chloride + Nylon	0.088 in

Color Chart

Number	Color
Pair	ICEA S-73-732 Table E1 (Pairs: Black & White and numbered)

Inner Shield Material

Type	Material	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	TC - Tinned Copper	22

Outer Shield Material

Type	Material	Material Trade Name	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	TC - Tinned Copper	22

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.497 in	0.047 in

Electrical Characteristics

Current

Max. Recommended Current [A]
9.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
150 V RMS (Type NPLF)

Temperature Range

Installation Temp Range:	-25°C To +90°C
Operating Temp Range:	-30°C To +90 °C Dry, +75°C Wet

Mechanical Characteristics

Max. Pull Tension:	224.7 lbs
Min Bend Radius/Minor Axis:	6 in

Standards

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

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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes

Suitability

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

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS (Type TC)
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Part Number

Variants

Item #	Putup Type	UPC
62P1804 0105000	Reel	612825359470
62P180401010000	Reel	612825359487

History

Update and Revision:	Revision Number: 0.30 Revision Date: 02-16-2021
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