



**Product:** [9486](#)

High Perform Instr, 1 Pr #18 Str TC, PVC-NYL Ins E2, Blk PVC Jkt, 600V TC

[Request Sample](#)

**Product Description**

High Performance Instrumentation, 1 Pair 18AWG (19x32) Tinned Copper, PVC-NYL Insulation E2 Color Code, Black PVC Outer Jacket, 600V TC

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Pairs
18	19x30	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1

**Insulation**

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

**Color Chart**

Number	Color
1	Black & Red

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.275 in	0.048 in	Yes

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
5.46 Ohm/1000ft

**Inductance**

Nominal Inductance
0.23 $\mu$ H/ft

**Current**

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

**Voltage**

UL Voltage Rating
600 V RMS
150 V RMS (Type NPLF)

## Temperature Range

UL Temp Rating:	75°C Dry, 90°C Wet
Wet Temp Range:	-30°C To +75 °C
Dry Temp Range:	-30°C To +90 °C

## Mechanical Characteristics

Bulk Cable Weight:	39 lbs/1000ft
Max Recommended Pulling Tension:	50 lbs
Min Bend Radius/Minor Axis:	2.75 in

## Standards

NEC/(UL) Specification:	NPLF, TC
Other Specification:	ICEA S-73-532, S-61-402

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	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
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 UL Loading
IEEE Flammability:	1202
UL voltage rating:	600 V RMS (Type TC)

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC
9486 0101000	Black	612825253778

Footnote:	C - CRATE REEL PUT-UP.
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## Product Notes

Notes:	Alternate color coding available upon request.
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## History

Update and Revision:	Revision Number: 0.313 Revision Date: 04-28-2020
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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.