# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



## 9486 Multi-Conductor - 600V Tray Cable

For more Information please call

1-800-Belden1



## **General Description:**

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC/Nylon insulation, unshielded, PVC jacket.

## **Physical Characteristics (Overall)**

### Conductor

#### AWG:

# Pairs	AWG	Stranding	<b>Conductor Material</b>
1	18	19x30	TC - Tinned Copper

Total Number of Conductors: 2

### Insulation

### **Insulation Material:**

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

### **Outer Shield**

**Outer Shield Material:** 

Outer Shield Material
Unshielded

### **Outer Jacket**

### **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.048

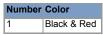
Outer Jacket Ripcord: Yes

### **Overall Cable**

Overall Nominal Diameter: 0.275 in.

### Pair

### **Pair Color Code Chart:**



## **Mechanical Characteristics (Overall)**

Wet Temperature Range:	-30°C To +75°C		
Dry Temperature Range:	-30°C To +90°C		
Bulk Cable Weight:	39 lbs/1000 ft.		
Max. Recommended Pulling Tension:	50 lbs.		
Min. Bend Radius/Minor Axis:	2.750 in.		

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	NPLF, TC-ER
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

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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 Yes Yes ICEA S-73-532, S-61-402		
CA Prop 65 (CJ for Wire & Cable):			
MII Order #39 (China RoHS):			
Other Specification:			
Flame Test			
UL Flame Test:	UL1685 UL Loading		
C(UL) Flame Test:	FT4		
IEEE Flame Test:	1202		
Suitability			
Suitability - Burial:	Yes		
Sunlight Resistance:	Yes		
Plenum/Non-Plenum			
Plenum (Y/N):	No		

### **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/ft) .23

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 5.46

Max. Operating Voltage - UL:

Voltage 600 V RMS (NEC Type TC) 150 V RMS (NPLF)

Max. Recommended Current:

**Current** 6 Amps per conductor @ 25°C

### **Notes (Overall)**

Notes: Alternate color coding available upon request.

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9486 0101000	1,000 FT	43.000 LB	BLACK	С	2 #18 PVC/NYL PVC

## Notes:

C = CRATE REEL PUT-UP.

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