



**Part Number:** 8466

Audio/Control/Instrumentation, (12) 18 AWG (19x30)  
TC, PVC/PVC, CMG

## Product Description

Twelve 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	12
<b>Total Number of Conductors:</b>			12

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.018 in

#### Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.412 in	0.04 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
6.3 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
26 pF/ft

#### Current:

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

#### Voltage:

UL Voltage Rating
300 V RMS (UL AWM Style 2598)

## Use

Max Recommended Pulling Tension:	300 lbs
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## Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Operating Temp Range:	-20°C To +60°C
UL Temp Rating:	60°C (UL AWM Style 2598)

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4.25 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8466 0601000	CHROME	Reel	1000 ft
8466 060100	CHROME	Reel	100 ft
8466 060250	CHROME	Reel	250 ft
8466 0605000	CHROME	Reel	5000 ft
8466 060500	CHROME	Reel	500 ft

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