



**Part Number:** 7404W

600V FCC Moderate Flex, (6) 20 AWG (10x30) BC+Grd,  
PVC/TPE, PLTC

## Product Description

Six 20 AWG stranded (10x30) bare copper conductors plus ground wire, PVC insulation, TPE jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	20	10x30	BC - Bare Copper	6
Ground Wire	20	10x30	BC - Bare Copper	
<b>Total Number of Conductors:</b>				7

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
Individually Numbered	Black

#### Stranding:

Lay Length
Yes mm

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
TPE - Thermoplastic Elastomer	0.309 in	0.037 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
10.5 Ohm/1000ft

#### Voltage:

UL Voltage Rating
600 V RMS (UL AWM Style 2587)

## Use

Suitability - Oil Resistance:	Yes
Flex Cycle Rating:	1 Million Flexes
Max Recommended Pulling Tension:	91 lbs

## Safety

CSA Flammability:	FT1
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## Temperature Range

Operating Temp Range:	-40°C To +90°C
Other Temp Range:	Flexing: -5°C To +90 °C
UL Temp Rating:	90°C (UL AWM Style 2587)

## Mechanical Characteristics

Min Bend Radius (Continuous Flexing):	5.2 in
Min Bend Radius/Minor Axis:	3.5 in

## 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)
CSA AWM Specification:	CSA 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)

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
7404W 0601000	CHROME	Reel	1000 ft
7404W 060250	CHROME	Reel	250 ft
7404W 0605000	CHROME	Reel	5000 ft

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