



Part Number: 7404WS

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

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

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

Color Chart 1:

Number	Color
Individually Numbered	Black

Color Chart 3:

Number	Color
60	Chrome

Stranding:

Lay Length
Yes mm

Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
TPE - Thermoplastic Elastomer	0.275 in	0.014 in

Outersheild 1:

Type	Material	Coverage [%]	Nominal Diameter	Drainwire AWG
Braid	TC - Tinned Copper	85 %	0.303 in	34

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
TPE - Thermoplastic Elastomer	0.409 in	0.053 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
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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
7404WS 0601000	CHROME	Reel	1000 ft
7404WS 060250	CHROME	Reel	250 ft
7404WS 0605000	CHROME	Reel	5000 ft

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