



Part Number: 7400W

MachFlex™ Moderate 300V Control, (2) 20 AWG (19x32) BC, PVC/TPE, PLTC

Product Description

Two 20 AWG stranded (19x32) bare copper conductors, PVC insulation, Belflex® TPE jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	19x32	BC - Bare Copper	2

Conductor Count:	2
AWG Size:	20

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart

Number	Color
Individually Numbered	Black

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
TPE - Thermoplastic Elastomer	0.211 in	0.037 in

Construction and Dimensions

Stranding

Lay Length
Yes mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
8.8 Ohm/1000ft

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Oil Resistance:	Yes
Flex Cycle Rating:	1 Million Flexes
Bulk Cable Weight:	25 lbs/1000ft
Max Recommended Pulling Tension:	26 lbs
Min Bend Radius (Continuous Flexing):	2.1 in

Standards

NEC/(UL) Specification:	PLTC
UL AWM Style:	20327
CSA AWM Specification:	AWM I/II A/B

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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 RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Non-Halogenated:	No
Suitability - Oil Resistance:	Yes - Oil Res II
Suitability - Sunlight Resistance:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT4
IEEE Flammability:	1202

Part Number

Plenum (Y/N):	No
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Variants

Item #	Color	Footnote
7400W 0601000	CHROME	C
7400W 060250	CHROME	C
7400W 0605000	CHROME	

Footnote:	C - CRATE REEL PUT-UP.
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