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Product: 7400W

MachFlex™, 2 C #20 Str BC, PVC Ins, TPE Jkt, PLTC

Request Sample

Product Description

MachFlex™ for High Flex, 2 Conductor 20AWG (19x32) Bare Copper, PVC Insulation, TPE Outer Jacket, PLTC

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	20 AWG	19x32	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.066 in (1.7 mm)	Black and Numbered

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
non-Woven Tape	TPE - Thermoplastic Elastomer	0.037 in (0.94 mm)	0.211 in

Overall Cable Diameter (Nominal):	0.211 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
10.7 Ohm/1000ft	9 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating	Voltage Rating
300 V	600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
UL : 90°C, AWM 20327 : 105°C	-40°C To 105°C

Bend Radius

Stationary Min.	Installation Min.
2.11 in (53.6 mm)	2.11 in

Max. Pull Tension:	30 lbs (14 kg)
Bulk Cable Weight:	25 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor, Sunlight Resistance, UV Resistance, Oil Resistance
Flammability / Reaction to Fire:	UL1685 UL Loading, FT2, IEEE 1202 FT4
NEC / UL Compliance:	Article 725, PLTC
AWM Compliance:	AWM 20327, AWM I/II A/B
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.368 Revision Date: 12-20-2021

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
7400W 060250	Chrome	Reel	250 ft	612825185253
7400W 0601000	Chrome	Reel	1,000 ft	612825185246
7400W 0605000	Chrome	Reel	5,000 ft	612825185260

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