

**Product: [7200A](#)**

**MachFlex™, 1 Pr #24 Str BC, PO Ins, OS+TC Brd, PVC Jkt, CM**
[Request Sample](#)
**Product Description**

MachFlex™ for High Flex, 1 Pair 24AWG (41x40) Bare Copper, PO Insulation, Overall Beldfoil®+Tinned Copper Braid(85%) Shield, PVC Outer Jacket, CM

**Technical Specifications**
**Product Overview**

Suitable Applications:	Flex Data, RS232, RS485
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**Construction Details**
**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	24 AWG	41x40	BC - Bare Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene (Foam)	0.019 in (0.48 mm)	0.0705 in (1.79 mm)	Blue, White

**Outer Shield**

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (41x40) TC
Braid	Tinned Copper (TC)	89%	

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	0.261 in

Overall Cable Diameter (Nominal): 0.261 in

**Electrical Characteristics**
**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
27.2 Ohm/1000ft	15 pF/ft (49 pF/m)	72%	2.2 Amps per Conductor at 30°C

Nom Outer Shield DCR: 2.62 Ohm/1000ft (8.60 Ohm/km)

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**
**Temperature**

UL Temperature	Operating
60°C	-20°C To +60°C

**Bend Radius**

Stationary Min.	Installation Min.
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2.61 in (66.3 mm) 2.61 in

Max. Pull Tension: 41 lbs (19 kg)

Bulk Cable Weight: 34 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Oil Resistance, Oil Resistance
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
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)
Other Standard Compliance(s):	RS Type: 232/485

## Product Notes

Notes: 1 million flex cycles based on proper installation techniques in a C-track cable guide.

## History

Update and Revision: Revision Number: 0.332 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
7200A X4P500	Green X4P	Reel	500 ft	612825182689	C
7200A X4P1000	Green X4P	Reel	1,000 ft	612825182672	C

Footnote: C - CRATE REEL PUT-UP.

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