



Product: [C4G2.5L](#)

MachFlex™ 375 HH, 3 C + 1 G 2.5 mm² Str BC, LSZH Ins, LSZH Jkt



Product Description

MachFlex™ 375HH LSZH Power and Control Cables, 3 Conductors + 1 Ground 2.5 mm² Stranded Bare Copper, LSZH Insulation, LSZH Outer Jacket, UL AWM 21310

Technical Specifications

Product Overview

Suitable Applications:	Applicable for occasional flexing or fixed installation connecting precision control sensors, multi axis control machines, temperature controllers, control panels, machine cutting tools, auxiliary equipment, motor speed control, production machinery and many more in limited smoke and no halogen required environment.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Stranding Class	Material
Conductor(s)	3	2.5 mm²	Stranded	Class 5	BC - Bare Copper
Ground	1	2.5 mm²	Stranded	Class 5	BC - Bare Copper

Insulation

Element	Material	Color Code
Conductor(s)	LSZH - Low Smoke Zero Halogen (Flame Retardant)	Brown, Black, Gray
Ground	LSZH - Low Smoke Zero Halogen (Flame Retardant)	Yellow/Green

Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Overall Cable Diameter (Nominal):	9.2 mm (0.36 in)
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Electrical Characteristics

Electricals

Max. Conductor DCR
7.98 Ohm/km (2.43 Ohm/1000ft)

Voltage

UL Voltage Rating	Voltage Rating
600 V (Max. Operating Voltage)	450/750 V (EN Voltage Rating)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation
80°C	-25°C to +70°C	-40°C to +80°C

Bend Radius

Installation Min.	Flexing Min.
36.8 mm (1.45 in)	138 mm (5.43 in)

Bulk Cable Weight:	168 kg/km (113 lbs/1000ft)
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Standards and Compliance

Environmental Suitability:	Indoor/Outdoor
Flammability / Reaction to Fire:	FT2, IEC 60332-1-2, IEC 60332-3-24, IEC 60332-3-25, DIN VDE 048233212
AWM Compliance:	AWM 21310
ISO/IEC Compliance:	IEC 60227-5
CENELEC Compliance:	EN 50525-3-11
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)

Product Notes

Notes:	Smoke/Halogen Properties : IEC 61034-2, IEC 60754-1, IEC 60754-2
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History

Update and Revision:	Revision Number: 0.41 Revision Date: 12-12-2025
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