



**Product:** [H14X2.5](#)

MachFlex™ 610YY, 14 C 2.5mm<sup>2</sup> Str BC, PVC Ins, PVC Jkt

### Product Description

MachFlex™ 610YY, 14 Conductor 2.5mm<sup>2</sup> Stranded Bare Copper, PVC Insulation, PVC Jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	Designed for applications which are installed in occasional flexing and fixed locations. Cable applications include precision control sensors, multi axis control machines, temperature controllers, control panels, machine cutting tools, auxiliary equipment, motor speed control, production machinery and many more.
------------------------	---

#### Construction Details

##### Conductor

Element	Size	Stranding	Material
Conductor(s)	2.5 mm <sup>2</sup>	Class 5	BC - Bare Copper
Ground		Class 5	BC - Bare Copper

##### Insulation

Material	Color Code
PVC - Polyvinyl Chloride	Black #1, Black #2, Black #3, Black #4, Black #5, ....., Black #14

##### Outer Jacket

Nom. Diameter
19.5 mm

#### Electrical Characteristics

##### Voltage

Voltage Rating
600/1000 V (IEC)

#### Mechanical Characteristics

##### Temperature

Operating	Installation
-5°C to +70°C	-40°C to +80°C

##### Bend Radius

Installation Min.
4 x OD

Bulk Cable Weight:	618 kg/km (415 lbs/1000ft)
--------------------	----------------------------

#### Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance, Oil Resistance, Oil Resistance
Flammability / Reaction to Fire:	IEC 60332-1-2, DIN VDE 0482-332-1-2, DIN EN 60332-1-2
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)

## History

Update and Revision: Revision Number: 0.11 Revision Date: 01-04-2024

## Part Numbers

### Variants

Item #	Color	Length
H14XG2.5 010200M	Black, RAL 9005	200 m
H14XG2.5 010305M	Black, RAL 9005	305 m
H14XG2.5 G8U200M	Gray, RAL 7001	200 m
H14XG2.5 G8U305M	Gray, RAL 7001	305 m

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.