

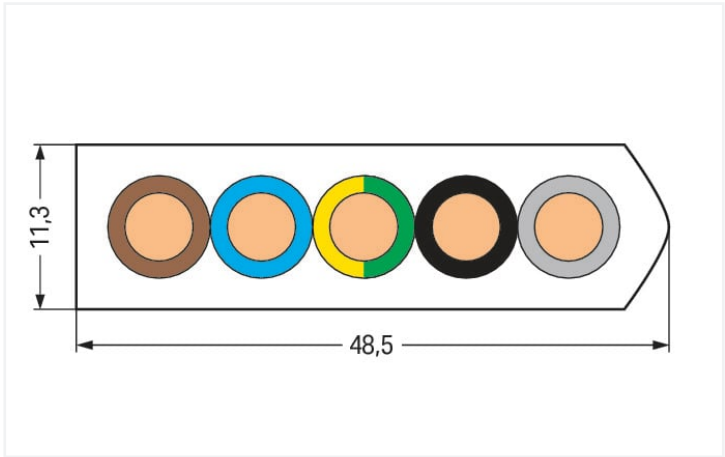
Data Sheet | Item Number: 897-1652

Flat cable; B2ca; 5G 16 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray

<https://www.wago.com/897-1652>



Color: ■ light gray



Dimensions in mm

Flat cable WINSTA® IDC 5-pole

The flat cable from the WINSTA® IDC product line guarantees you the greatest possible flexibility in electrical installation. With WAGO, you get enjoy the advantages of a large selection of expansions for the WINSTA® product line. Scrupulous compliance with fire protection regulations is an crucial issue for building installation. Especially in sensitive areas, the fire class must meet the high standards of requirements. This product complies with the requirements of fire class B2. Not using halogen additives in the manufacture of this flat cable significantly improves fire safety and reduces environmental pollution.

Lower costs through fast commissioning and elimination of service expenses – solutions from WINSTA® IDC

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – with fire class B2 from WAGO makes the installation of electrical components noticeably easier.

- products perfectly tailored to your requirements guarantee safe use
- quick replacement of defective units during ongoing operation

Electrical data

Ratings per IEC/EN	
Rated voltage	0.6 / 1 kV
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection 1	
Pole number	5
Wire cross-section	16 mm²



Physical data		
Width		48.5 mm / 1.91 inches
Height		11.3 mm / 0.45 inches

Mechanical data		
Variable coding		No

Plug-in connection		
Mismating protection		No

Material data		
Note (material data)		Information on material specifications can be found here
Color		light gray
Fire class per EN 50575		B2 _{ca}
Fire load		10.62 MJ
Halogen-free		Yes
Silicon-free		Yes
Rubber cable		No
Weight		1319 g
Copper weight of the pipe		0.768 kg/m

Environmental requirements		
Processing temperature		5 ... 40 °C
Continuous operating temperature		-25 ... +90 °C
Note on continuous operating temperature		Insulating parts for temperatures ≤ 105 °C

Commercial data		
Product Group		20 (Winsta)
eCl@ss 10.0		27-06-01-06
eCl@ss 9.0		27-06-20-02
ETIM 8.0		EC003250
ETIM 7.0		EC003250
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		CH
GTIN		4045454006372
Customs tariff number		85444995000

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 897-1652

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Documentation

Additional Information

pdf
554.05 KB

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Bid Text

897-1652	19.02.2019	xml 2.70 KB	Download icon
897-1652	09.01.2015	doc 22.50 KB	Download icon

CAD/CAE-Data

CAE data

WSCAD Universe 897-1652

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



[Item No.: 897-1650](#)
Flat cable end cover; 5-pole; for flat cable 16 mm²; Plastic

[Item No.: 897-901](#)
Insulating tape for flat cable; 5-pole/3-pole; for flat cable 10 mm²; acid green

1.1.2 Tool

1.1.2.1 Cable stripper



[Item No.: 897-952](#)
Stripping knife; for flat cable 5 x 16 mm

1.1.2.2 Cutting tool

[Item No.: 897-960](#)
Cutter; with a partially insulated handle; for flat cable; 5 x 6 mm²

Installation Notes

Application



Cut the flat cable with the 897-960 Cable Cutter from side 1 and cut through from side 2.



Cut laterally with the stripping knife on both sides (away from the body).



Lift/remove the insulation manually and cut it off with the 897-972 or 897-960 Cable Cutter.