

IE-C5DHAG-MW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Bulk stock, copper cable, hybrid, flexible, 6 x 0.5 mm² + 4
x AWG 22/7

General ordering data

Version	Connecting line, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, Products sold by meter, from 110 m
Order No.	1172250000
Type	IE-C5DHAG-MW
GTIN (EAN)	4032248964543
Qty.	110 m
Delivery status	This article will no longer be available in the future.
Available until	2020-10-31

Creation date March 23, 2021 7:32:47 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

IE-C5DHAG-MW

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	40 g
------------	------

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
Installation temperature	0 °C...50 °C		

Technical specifications for cable

Halogen	Yes	Insulation	PE
Number of wires	4	Resistance to oils	limited
Resistance to spread of flame	in accordance with IEC 60332-1 / UL 1685	Sheathing colour	green (RAL 6018)
Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min		

Electrical properties

Insulation strength	500,000 Ω
---------------------	-----------

Cable structure

Arrangement of wire cores	Star-quad	Complete shielding	Aluminium foil, Shielding braid made from copper wiring
Cross-section	4*AWG 22/7 - 0.36 mm ² , 6*0.5 mm ²	Diameter of inner sheathing	3.9 mm
Filler	As central element	Insulation	PE
Insulation cross-section	1.5 mm	Insulation diameter 2	1.75 mm
Material sheath	PVC	Number of wires	4
Overlap of shielding braid	85 %	Sheath diameter, max.	9.5 mm
Sheathing colour	green (RAL 6018)	Sheathing material thickness	0.9 mm
Shielding	SF/UTP	Shielding braid thickness	0.13 mm
Standard designations	2YY(ST)CY 2x2x0,75/1,5-100 LI VZN GN	Strands	7
Tensile force, max.	200 N	Wire material	Stranded tin-plated copper wire

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Characteristic impedance	100 ± 15 Ω at 1–100 MHz
Insulation strength	500,000 Ω	Loop resistance	120 Ω/km
Operating voltage, UL	600	Signal propagation time	5.3 ns/m
Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min	Transfer impedance	20 mΩ/m at 10 MHz

Mechanical and material properties of cable

Abrasion resistance	good	Bending radius	10 x cable diameter
Halogen	Yes	Min. bending radius, once only	3.5 *diameter
Min. bending radius, repetitive	7.5 x cable diameter	Resistance to oils	limited
Resistance to spread of flame	in accordance with IEC 60332-1 / UL 1685		

IE-C5DHAG-MW

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001579	ETIM 7.0	EC001579
ECLASS 9.0	27-06-20-01	ECLASS 9.1	27-06-90-90
ECLASS 10.0	27-06-01-05	ECLASS 11.0	27-06-01-05

Approvals

ROHS	Conform
------	---------

Downloads

User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
--------------------	--

IE-C5DHAG-MW

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Detailed drawing

