

## IE-C5DB4WE0050A20A20-E

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



Assembled IE lines, railway cable RW (reduced wire), cat. 5, PUR, black, plug on both sides RJ45 IP20 without tools

### General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801), Radox GWK S, 5 m
Order No.	<a href="#">1421710050</a>
Type	IE-C5DB4WE0050A20A20-E
GTIN (EAN)	4050118226294
Qty.	1 pc(s).

Creation date March 13, 2023 2:04:57 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

## IE-C5DB4WE0050A20A20-E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Length	5 m	Length (inches)	196.85 inch
Net weight	409 g		

## Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	-40 °C...90 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	90 °C

## Cable specific standards

Corrosiveness of fumes	to IEC 60754-2	Fire protection in buses	According to ISO 6722-1 5.22 (UN ECE-R 118.01)
Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4, According to BS 6853, According to EN50288-2-2, According to EN 45545, HL1 - HL3	Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D
Fluorine content	According to EN 60684-2 Section 45.2	Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1
Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2	Multi-wire metallic data and control cable	According to EN50288-2-2
Poisonous gases	According to BS 6853 Appendix B		

## General standards

Connector standard	IEC 60603-7-51
--------------------	----------------

## Standards

Connector standard	IEC 60603-7-51	Corrosiveness of fumes	to IEC 60754-2
Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4, According to BS 6853, According to EN50288-2-2, According to EN 45545, HL1 - HL3	Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D
Fluorine content	According to EN 60684-2 Section 45.2	Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1
Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2	Multi-wire metallic data and control cable	According to EN50288-2-2
Poisonous gases	According to BS 6853 Appendix B		

## Cable structure

Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm <sup>2</sup>	Insulation cross-section	1.58 mm
Material sheath	Radox GKW S	Sheath diameter, max.	7 mm
Sheath diameter, min.	6.2 mm	Sheathing colour	black, SF/UTP
Shielding	SF/UTP	Strands	7

Creation date March 13, 2023 2:04:57 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

2

## IE-C5DB4WE0050A20A20-E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)
----------	-----------------------

## Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2
Min. bending radius, repetitive	6 * diameter	Resistance to oils	in accordance with EN 50306-3

## Plug

Plug left	RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded	Plug right	RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded
-----------	--	------------	--

## Plug, left

Connector left	RJ45 IP 20
----------------	------------

## Plug, right

Connector right	RJ45 IP 20
-----------------	------------

## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08

## Approvals

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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>

**Data sheet**

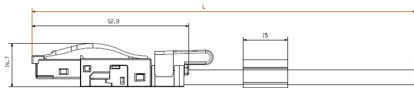
**IE-C5DB4WE0050A20A20-E**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

**Dimensioned drawing**



**Wiring diagram**

M12		M12
1	yellow	1
2	white	2
3	orange	3
4	blue	4

**Detailed drawing**

