

**Industrial Ethernet
IE-C5DB4WE0100A20A20-E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	IE-C5DB4WE0100A20A20-E
Order No.	1421710100
Version	System cable, RJ45 IP 20 no tools needed, RJ45 IP 20 no tools needed, Cat.5 (ISO/IEC 11801), Radox GWK S, 10 m
GTIN (EAN)	4050118226256
Qty.	1 pc(s).

**Industrial Ethernet
IE-C5DB4WE0100A20A20-E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data
Dimensions and weights

Length	10 m	Length (inches)	0.394 inch
Net weight	810 g	Insulation cross-section	1.58 mm

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Standards

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	Fire protection in buses	according to ISO 6722-1 5.22 (UN ECE-R 118.01)
Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D	Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2
Corrosiveness of fumes	to IEC 60754-2	Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1
Poisonous gases	According to BS 6853 Appendix B	Fluorine content	According to EN 60684-2 Section 45.2
Multi-wire metallic data and control cable	According to EN50288-2-2	Connector standard	IEC 60603-7-51

Cable structure

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

Electrical properties of cable

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

Mechanical and material properties of cable

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

Data sheet

Industrial Ethernet IE-C5DB4WE0100A20A20-E

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

plug

Connector left	RJ45 IP 20 no tools needed	Connector right	RJ45 IP 20 no tools needed
----------------	----------------------------	-----------------	----------------------------

Classifications

ETIM 6.0	EC002599	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08

Approvals

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

Downloads

Brochure/Catalogue	CAT 9 IETH 15/16 EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

Data sheet**Industrial Ethernet
IE-C5DB4WE0100A20A20-E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings**Detailed drawing**

RJ45		RJ45
1	yellow	1
2	orange	2
3	white	3
6	blue	6

