

IE-C5DB4WE0020A20A20-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 no tools needed, RJ45 IP 20 no tools needed, Cat.5 (ISO/IEC 11801), Radox GKW S, 2 m
Order No.	1421710020
Type	IE-C5DB4WE0020A20A20-E
GTIN (EAN)	4050118226249
Qty.	1 pc(s).

Creation date March 23, 2021 10:04:29 PM CET

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

IE-C5DB4WE0020A20A20-E

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Length	2 m	Length (inches)	78.74 inch
Net weight	164 g		

Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	-40 °C...90 °C
---------------------	----------------	-----------------------	----------------

Environmental Product Compliance

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

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		

IE-C5DB4WE0020A20A20-E

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Cable structure

Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm ²	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
Shielding	SF/UTP	Strands	7

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, left

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

Plug, right

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

plug

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

Classifications

ETIM 6.0	EC002599	ETIM 7.0	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

Approvals

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

Downloads

Engineering Data	STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

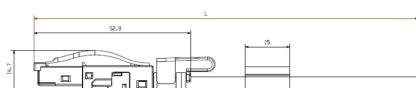
IE-C5DB4WE0020A20A20-E

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

www.weidmueller.com

Drawings

Dimensioned drawing



Wiring diagram

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

Detailed drawing

