

**IE-C5DB4HE0021MSSMSS-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Assembled IE cables, railway cable, Cat.5, black, M12

**General ordering data**

Version	System cable, M12 D-code – IP 67 straight socket, M12 D-code – IP 67 straight socket, Cat.5 / Class D, HFFR Compound EM 104, 2.1 m
Order No.	<a href="#">1310030021</a>
Type	IE-C5DB4HE0021MSSMSS-E
GTIN (EAN)	4050118410020
Qty.	1 pc(s).

Creation date March 23, 2021 3:22:49 PM CET

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

**IE-C5DB4HE0021MSSMSS-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

Length	2.1 m	Length (inches)	82.677 inch
Net weight	163 g		

**Temperatures**

Operating temperature	-40 °C...85 °C	Installation temperature	-20 °C...50 °C
-----------------------	----------------	--------------------------	----------------

**Environmental Product Compliance**

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

**Cable specific standards**

Corrosiveness of fumes	to IEC 60754-2	Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2		

**Electrical properties**

Operating voltage	300 V
-------------------	-------

**Standards**

Corrosiveness of fumes	to IEC 60754-2	Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2		

**Cable structure**

Arrangement of wire cores	Star-quad	Cross-section	2x2xAWG22/19
Material sheath	HFFR Compound EM 104	Sheath diameter, max.	6.7 mm
Sheath diameter, min.	5.9 mm	Sheathing colour	black

**Electrical properties of cable**

Category	Cat.5 / Class D	Characteristic impedance	100 ± 15 Ω at 4–100 MHz, 100 ± 5 Ω at 100MHz
Operating voltage	300 V		

**Mechanical and material properties of cable**

Corrosiveness of fumes	to IEC 60754-2	Halogen	No
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2	Min. bending radius, once only	
Min. bending radius, repetitive	10 x cable diameter		5 x cable diameter

**Plug, left**

Connector left	M12 D-code – IP 67 straight socket
----------------	------------------------------------

Creation date March 23, 2021 3:22:49 PM CET

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

## IE-C5DB4HE0021MSSMSS-E

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

www.weidmueller.com

## Technical data

### Plug, right

Connector right	M12 D-code – IP 67 straight socket
-----------------	---------------------------------------

### plug

Connector left	M12 D-code – IP 67 straight socket	Connector right	M12 D-code – IP 67 straight socket
----------------	---------------------------------------	-----------------	---------------------------------------

### 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

### Downloads

Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

**Data sheet****IE-C5DB4HE0021MSSMSS-E****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Wiring**

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