

HDC XX6A01 MMSM12X-0100**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Robust data cables designed for use in railway applications. The Cat#6 X coded and Cat#5 D coded variants provide reliable and interference resistant data transmission for demanding onboard and trackside environments. Ideal for applications with high mechanical stress and for ensuring consistent performance under harsh conditions.

General ordering data

Order No.	2451130100
Type	HDC XX6A01 MMSM12X-0100
GTIN (EAN)	4050118485684
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	107.36 g
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Temperatures

Limit temperature	-40 °C ... 90 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5

General data

Number of poles	8	Cable length	1 m
Coding	X-coded	Contact surface	Au (Gold)
Transmission rate	10 Gbps, 10 Gbit/s	Insulation resistance	≥ 108 Ω
Category	Cat. 6A	Nominal voltage	50 V
Nominal current	0.5 A	Plugging cycles	≥ 2265 100
Type	Pin	Pollution severity	2
Opposite side version	Male, straight, M12X	Module side version	Male

Cable technical specifications

Cable length	1 m	
Sheathing colour	blue	
Shielded	Yes	
Halogen	No	
Insulation	Expanded	
Sheath material	Radox EM 104	
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue	
Outside diameter	Diameter	8.1 mm
	Signs	±
	Tolerance	0.5
Outside diameter	8.1 mm ± 0.5	

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-07
ECLASS 15.0	27-06-03-07		

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Drawings

M12	1	White, Orange	1	M12
	2	Orange	2	
	3	White, Green	3	
	4	Green	4	
	5	White, Brown	5	
	6	Brown	6	
	7	White, Blue	7	
	8	Blue	8	