

**HDC XX6A02 MMSM12X-0050**

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

www.weidmueller.com

**Compact**

The new two-pole bus module is extremely compact and can accommodate both megabit and gigabit data inserts. It enables the connection of 2 Gigabit Cat 6A cables (10 gigabit) to one module.

**General ordering data**

Order No.	2503770050
Type	<a href="#">HDC XX6A02 MMSM12X-0050</a>
GTIN (EAN)	4050118522808
Qty.	1 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Net weight 54.56 g

**Temperatures**

Limit temperature -30 °C ... 90 °C

**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	0.5 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	≥ 100
Type	Pin	Pollution severity	2
Opposite side version	Male, straight, M12X	Module side version	Male

**Cable technical specifications**

Cable length	0.5 m	
Sheathing colour	green	
Shielded	Yes	
Halogen	halogen-free, according to IEC 60754-1	
Insulation	PE, Expanded	
Sheath material	PUR	
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue	
Outside diameter	Diameter	6.4 mm
	Signs	±
	Tolerance	0.3 mm
Outside diameter	6.4 mm ± 0.3 mm	

**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		