

**HDC XX6A02 MFSM12X-0500**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Compact**

The two pole bus module accommodates Megabit and Gigabit data inserts and enables the transmission of two lines within a single module. It is highly versatile – suitable for railway cables, industrial cables, drag chain applications, Profibus, and field assembly data connectors.

**General ordering data**

Order No.	2503690500
Type	<a href="#">HDC XX6A02 MFSM12X-0500</a>
GTIN (EAN)	4050118522945
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Net weight	0 g
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### Temperatures

Limit temperature	-30 °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	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
Pollution severity	2	Opposite side version	Female, straight, M12X
Module side version	Male		

### Cable technical specifications

Cable length	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		