

## HDC XX6A01 FF5M12X-0500

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

[www.weidmueller.com](http://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.  | 2503550500                              |
| Type       | <a href="#">HDC XX6A01 FF5M12X-0500</a> |
| GTIN (EAN) | 4050118521320                           |
| Qty.       | 1 items                                 |

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## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 0 g |
|------------|-----|

### Temperatures

|                   |                  |
|-------------------|------------------|
| Limit temperature | -40 °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          | 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 | Female             |                       |                        |

### Cable technical specifications

|                  |  |        |
|------------------|--|--------|
| Cable length     | 5 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 mm |
| Outside diameter | 8.1 mm ± 0.5 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 |             |             |