

**HDC XX6A02 MFSXXXX-1500****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**

|            |                            |
|------------|----------------------------|
| Version    |                            |
| Order No.  | <a href="#">2503801500</a> |
| Type       | HDC XX6A02 MFSXXXX-1500    |
| GTIN (EAN) | 4050118522600              |
| Qty.       | 1 pc(s).                   |

**HDC XX6A02 MFSXXXX-1500****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

|            |         |
|------------|---------|
| Net weight | 0.001 g |
|------------|---------|

**Temperatures**

|                   |                  |
|-------------------|------------------|
| Limit temperature | -30 °C ... 90 °C |
|-------------------|------------------|

**Environmental Product Compliance**

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

**General data**

|                     |                    |                       |                  |
|---------------------|--------------------|-----------------------|------------------|
| Cable length        | 15 m               | Category              | Cat. 6A          |
| Coding              | X                  | Contact surface       | Au (Gold)        |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version   | Male             |
| Number of poles     | 8                  | Opposite side version | Female, straight |
| Plugging cycles     | $\geq 100$         | Pollution severity    | 2                |
| Rated current       | 0.5 A              | Rated voltage         | 50 V             |
| Transmission rate   | 10 Gbps            | Type                  | Pin              |

**Cable technical specifications**

|                  |                                                                                        |        |  |
|------------------|----------------------------------------------------------------------------------------|--------|--|
| Cable length     | 15 m                                                                                   |        |  |
| Colour coding    | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue |        |  |
| Halogen          | halogen-free, according to IEC 60754-1                                                 |        |  |
| Insulation       | PE, Expanded                                                                           |        |  |
| Outside diameter | 6.4 mm ± 0.3                                                                           |        |  |
| Outside diameter | Diameter                                                                               | 6.4 mm |  |
|                  | Signs                                                                                  | ±      |  |
|                  | Tolerance                                                                              | 0.3    |  |
| Sheath material  | PUR                                                                                    |        |  |
| Sheathing colour | green                                                                                  |        |  |
| Shielded         | Yes                                                                                    |        |  |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ECLASS 9.0  | 27-06-03-07 | ECLASS 9.1  | 27-06-03-08 |
| ECLASS 10.0 | 27-06-03-07 | ECLASS 11.0 | 27-06-03-07 |

**Approvals**

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

**Downloads**

|                  |                      |
|------------------|----------------------|
| Engineering Data | <a href="#">STEP</a> |
|------------------|----------------------|