HDC XX6A01 MFSXXXX-0700

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

Version	Data use
Order No.	2453540700
Type	HDC XX6A01 MFSXXXX-0700
GTIN (EAN)	4050118467581
Qty.	1 items
Delivery status	Discontinued
Last order date	2025-09-30T00:00:00+02:00

Creation date 24.03.2026 01:59:10 MEZ

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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	7 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	\u2265 100
Type	Pin	Pollution severity	2
Opposite side version	Female, straight	Module side version	Male

Cable technical specifications

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