

IE-C7FS8LO-305M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Bulk stock, copper cable, flexible, Cat. 7

General ordering data

Version	System cable, Cat.7 (ISO/IEC 11801), LSZH, 305 m
Order No.	2661080000
Type	IE-C7FS8LO-305M
GTIN (EAN)	4050118674934
Qty.	1 pc(s).

IE-C7FS8LO-305M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Length	305 m	Length (inches)	12,007.874 inch
Net weight	99,999 g		

Temperatures

Storage temperature	-20 °C...60 °C	Operating temperature	-20 °C...60 °C
Installation temperature	0 °C...50 °C		

Technical specifications for cable

Halogen	No	Insulation	PE
Number of poles	8	Number of wires	8
Resistance to spread of flame	in accordance with IEC 60332-1	Sheathing colour	orange
Test voltage: wire-wire-shield	750 V DC, 1 min		

Cable specific standards

Impervious to smoke	to IEC 60754-2
---------------------	----------------

Standards

Impervious to smoke	to IEC 60754-2
---------------------	----------------

Cable structure

Arrangement of wire cores	Twisted pair	Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown
Complete shielding	Shielding braid made from copper wiring	Copper diameter	0.43 mm
Cross-section	4*2*AWG 27/7 - 4*2*0.1 mm ²	Insulation	PE
Insulation cross-section	1.04 mm	Material sheath	LSZH
Number of wires	8	Overlap of shielding braid	60 %
Sheath diameter, max.	5.9 mm	Sheath diameter, min.	5.5 mm
Sheathing colour	orange	Shielding	S/FTP
Strands	7	Wire material	Non-insulated copper wire

Electrical properties of cable

Capacity at 1 kHz	46 nF/km	Category	Cat.7 (ISO/IEC 11801)
Characteristic impedance	100 ± 15 Ω at 1-100 MHz	Deviation	25 ns/100m
Loop resistance	183 Ω/km	Resistance differential	5 %
Test voltage: wire-wire-shield	750 V DC, 1 min		

Mechanical and material properties of cable

Halogen	No	Impervious to smoke	to IEC 60754-2
Min. bending radius, once only	25 mm	Min. bending radius, repetitive	50 mm
Resistance to spread of flame	in accordance with IEC 60332-1		

IE-C7FS8LO-305M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001579	ETIM 7.0	EC001579
ECLASS 9.0	27-06-20-01	ECLASS 9.1	27-06-90-90
ECLASS 10.0	27-06-01-05	ECLASS 11.0	27-06-01-05

Approvals

ROHS	Conform
------	---------

Downloads

Brochure/Catalogue	Catalogues in PDF-format
--------------------	--

IE-C7FS8LO-305M

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

www.weidmueller.com

Drawings

Detailed drawing

