

IE-C6FP8LD0040X40X40-Y

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

www.weidmueller.com



Assembled IE cables, patch cable crossover, Cat. 6, LSZH,
grey

General ordering data

Version	Patch cable, crossover, RJ45 IP 20, RJ45 IP 20, <20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010), 4 m
Order No.	1312160040
Type	IE-C6FP8LD0040X40X40-Y
GTIN (EAN)	4050118782158
Qty.	1 items

IE-C6FP8LD0040X40X40-Y

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Dimensions and weights

Length	4 m	Length (inches)	157.4803 inch
Net weight	180 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Electrical properties

Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3at
------------------------------------	-----	------------	----------------------------

General standards

Application-specific communication cable facilities	ANSI / TIA / EIA-568-B.2-10, ISO / IEC 11801:2002, EN50173-1:2007	Certificate no. (cULus)	E316369
---	---	-------------------------	---------

Cable structure

Strands	7	Sheathing colour	yellow
Cross-section	4*2*AWG 27/7 - 4*2*0.1 mm ²	Shielding	S/FTP
Sheath diameter, max.	5.9 mm	Sheath diameter, min.	5.5 mm
Wire pair shielding	Aluminium foil	Arrangement of wire cores	Twisted pair
Complete shielding	Shielding braid made from copper wiring	Overlap of shielding braid	60 %
Colour sequence or wires - wire pairs	white - blue, white - orange, white - green, white - brown		

Electrical properties of cable

Category	<20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010)	Operating voltage	50 V DC
Capacity at 1 kHz	46 nF/km	Test voltage: wire-wire-shield	2.5 kV / DC for 2 sec

IE-C6FP8LD0040X40X40-Y

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

www.weidmueller.com

Technical data

Resistance differential	5 %	Delay skew	2.5 ns/100m
Operating voltage (UL rating)	30 V AC / 42.4 V DC	Characteristic impedance	100 ± 15 Ω at 1–100 MHz

Mechanical and material properties of cable

Colour	yellow	Halogen	halogen-free, according to IEC 60754-2
Min. bending radius, once only	4 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-2-2, in accordance with IEC 60332-1-2, in accordance with IEC 60332-3-24, in accordance with UL 2556 (FT1)

Plug

Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded	Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
------------	---	-----------	---

Plug, left

Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
-----------	---

Plug, right

Plug right	RJ45, IP20, male contact, straight, plug, Plastic, shielded
------------	---

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

IE-C6FP8LD0040X40X40-Y

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

Drawings

www.weidmueller.com

Wiring

