

IE-C6FP8LD0015X40X40-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, <20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010)
Order No.	1312160015
Type	IE-C6FP8LD0015X40X40-Y
GTIN (EAN)	4050118782141
Qty.	1 items

Technical data

Approvals

Approvals



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

Dimensions and weights

Net weight	77 g
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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
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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
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Cable structure

Strands	7	Sheathing colour	yellow
Cross-section	4*2*AWG 27/7 - 4*2*0.1 mm ²	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
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

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Mechanical and material properties of cable

Colour	yellow	Min. bending radius, once only	4 x cable diameter
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Plug

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

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

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

Wiring

