

## IE-C6FP8LD0150M40V40-D

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

[www.weidmueller.com](http://www.weidmueller.com)



Assembled IE cables, patch cable Cabinet Line, Cat. 6,  
LSZH, grey, 90° angled on one side

### General ordering data

Version	Patch cable, RJ45 IP 20, RJ45 IP 20, Angled 90°, <20 m: Cat.6A / >20 m Class EA (ISO/IEC 11801 2010), 15 m
Order No.	<a href="#">1248280150</a>
Type	IE-C6FP8LD0150M40V40-D
GTIN (EAN)	4050118843798
Qty.	1 items

**IE-C6FP8LD0150M40V40-D**

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

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E316369

**Dimensions and weights**

Length	15 m	Length (inches)	590.5512 inch
Net weight	554 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	grey
Cross-section	4*2*AWG 27/7 - 4*2*0.1 mm <sup>2</sup>	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-C6FP8LD0150M40V40-D

**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	grey	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, angled 90°, 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, angled 90°, 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		

**Drawings**

**Wiring**

RJ45	1	white (orange)	1	RJ45
	2	orange	2	
	3	white (green)	3	
	4	blue	4	
	5	white (blue)	5	
	6	green	6	
	7	white (brown)	7	
	8	brown	8	

**Dimensioned drawing**



**Dimensioned drawing**

