

# FL-PP-RJ45-LSA

Order No.: 2901645




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Patch panel, an RJ45 female connector on 8 LSA connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers

Ethernet



## Commercial data

GTIN (EAN)	 4 046356 622790
sales group	H658
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 553 (IF-2011)

## Product notes

WEEE/RoHS-compliant since:  
02/23/2011



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## Technical data

### Serial interface

Interface 1	Ethernet interface, 10/100/1000Base-T(X) according to IEEE 802.3u
Transmission length	100 m (including patch cables)
Connection method	LSA

Conductor cross section solid min.	0.128 mm <sup>2</sup>
Conductor cross section solid max.	0.325 mm <sup>2</sup>
Conductor cross section stranded min.	0.128 mm <sup>2</sup>
Conductor cross section stranded max.	0.325 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22
Serial transmission speed	10/100/1000 Mbps
Interface 2	Ethernet interface, 10/100/1000Base-T(X) according to IEEE 802.3u
Connection method	RJ45 CAT5e

**General data**

Width	29 mm
Height	90 mm
Depth	53 mm
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	25 % ... 95 % (no condensation)
Degree of protection	IP20
Net weight	55 g
Housing material	PVC/PA
Color	green
MTBF	6702 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	2962 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

**Accessories**

Item	Designation	Description
<b>Cable/conductor</b>		
2744830	FL CAT5 FLEX	CAT5-SF/UTP cable (J-LI02YS(ST)C H 2 x 2 x 26 AWG), light-duty, flexible installation cable 2 x 2 x 0.14 mm <sup>2</sup> , stranded, shielded, outer sheath: 5.75 mm ± 0.15 mm diameter
2744843	FL CAT5 FLEX CONF/	CAT5-SF/UTP cable (J-LI02YS(ST)C H 2 x 2 x 26 AWG), light-duty, flexible installation cable 2 x 2 x 0.14 mm <sup>2</sup> , stranded, shielded, outer sheath: 5.75 mm ± 0.15 mm diameter, preassembled on both sides with RJ45 plug, crossover or line assignment

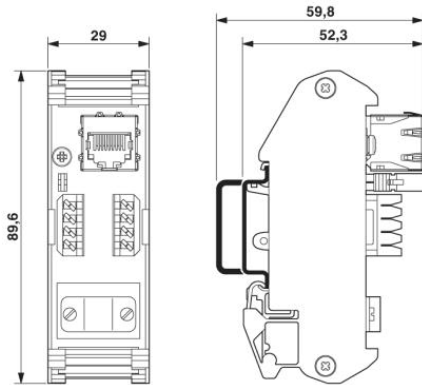
2744814	FL CAT5 HEAVY	CAT5-SF/UTP cable (J-02YS(ST)C HP 2 x 2 x 24 AWG), heavy-duty installation cable, 2 x 2 x 0.22 mm <sup>2</sup> , solid conductor, shielded, outer sheath: 7.8 mm diameter, inner sheath: 5.75 mm ± 0.15 mm diameter
2744827	FL CAT5 HEAVY CONF/	CAT5-SF/UTP cable (J-02YS(ST)C HP 2 x 2 x 24 AWG), heavy-duty installation cable, 2 x 2 x 0.22 mm <sup>2</sup> , solid conductor, shielded, outer sheath: 7.8 mm diameter, inner sheath: 5.75 mm ± 0.15 mm diameter, preassembled on both sides with RJ45 plug, crossover or line
2832250	FL CAT5 PATCH 0,3	Patch cable, CAT5, assembled, 0.3 m
2832263	FL CAT5 PATCH 0,5	Patch cable, CAT5, assembled, 0.5 m
2832276	FL CAT5 PATCH 1,0	Patch cable, CAT5, assembled, 1.0 m
2832221	FL CAT5 PATCH 1,5	Patch cable, CAT5, assembled, 1.5 m
2832289	FL CAT5 PATCH 2,0	Patch cable, CAT5, assembled, 2.0 m
2832292	FL CAT5 PATCH 3,0	Patch cable, CAT5, assembled, 3.0 m
<b>General</b>		
2765505	CT-WZ/A	Split-core tool for connecting cables to LSA-Plus strips
2313931	FL ISOLATOR 100-RJ/RJ	Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 100 Mbps. Possible to connect two RJ45 plugs.
2313928	FL ISOLATOR 100-RJ/SC	Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 100 Mbps. Connection using RJ45 and COMBICON plug-in screw terminal block.
2313915	FL ISOLATOR 1000-RJ/RJ	Passive network isolator for electrical isolation in Ethernet networks. This protects Ethernet devices from potential differences of up to 4 kV. Can be used for transmission speeds of up to 1 Gbps. Possible to connect two RJ45 plugs.
1656725	VS-08-RJ45-5-Q/IP20	RJ45 plug-in connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 26 ... 23 AWG 1-wire and 7-wire conductors, for 4.5 mm ... 8.0 mm cable diameter, labeling: TIA 568 B, color: gray
1658008	VS-08-RJ45-5-Q/IP20 BK	RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable diameter of 4.5 mm ... 8.0 mm, TIA 568 B labeling, color: black
<b>Tools</b>		
2744869	FL CRIMPTOOL	Crimping pliers, for assembling the RJ45 connectors FL PLUG RJ45..., for assembly on site
1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables

### Additional products

Item	Designation	Description
<b>General</b>		
2901643	FL-PP-RJ45-SC	Patch panel, an RJ45 female connector on 8 screw connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers
2901642	FL-PP-RJ45-SCC	Patch panel, an RJ45 female connector on 8 spring-cage connection terminal blocks (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers
2901646	FL-PP-RJ45/RJ45	Patch panel, two RJ45 female connectors (1:1 assignment), CAT5e, 10/100/1000 Mbps, DIN rail mounting, IP20, option of shield contacting on DIN rail via jumpers

### Diagrams/Drawings

#### Dimensioned drawing



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