

## RJ45 PC Cat.6 S/FTP P

Robust industrial quality

Oil- and chemical resistant

Non-abrasively

UV resistant



Cat.6

halogen-free

Made in Europe

100% testing

### Patch cable

<b>Type:</b>	Cat.6 Industrial Ethernet patch cable, PUR, double screened with shielded pairs
<b>Data transmission rate:</b>	1 Gbit/s - Gigabit Ethernet, Industrial Ethernet
<b>Frequency range:</b>	250 MHz
<b>Field of application:</b>	connecting Industrial Ethernet components, UV resistance, good abrasion resistance, good resistance against oil (mineral oil, ASTM-oil) and chemicals
<b>Quality control:</b>	Each assembly tested individually
<b>EG directives:</b>	2011/65/EU (RoHS, Restriction of Hazardous Substances)

### Cable

<b>Cable:</b>	Industrial-suited Cat.6 patch cable
<b>Conductor:</b>	4 x 2 x AWG 27/7
<b>Screen:</b>	S/FTP - overall shield of copper braid, pairs shielded of plastic laminated aluminum foil
<b>Outer sheath:</b>	PUR, colour orange
<b>Flame retardant:</b>	According to IEC 60332-1
<b>Halogen-free:</b>	According to IEC 60754-2
<b>UV resistance:</b>	According to IEC 60068-2-5
<b>Ozone resistance:</b>	According to EN 60811-2-1 paragraph 6
<b>Temperature range:</b>	-20°C to +80°C for permanent installation 0°C to +50°C for moving application
<b>Outer diameter:</b>	Ø 5,9 mm
<b>Min. bending radius:</b>	29,5 mm / 5 x cable diameter (min.)

Originator:	Approval:	Revised
Date: 08.04.2016	Date: 08.04.2016	Date:
Name: PM - J. Burgholzer	Name: PM - H. Frühwirt	Name:   Revision
Technical changes and misprints reserve.		LAPP Austria GmbH, Bremenstraße 8, 4030 Linz
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### Connector

<b>Connector:</b>	RJ45 Hirose TM21 shielded, gold-plated contacts
<b>Bend relief:</b>	Bend relief black
<b>Pin assignment:</b>	EIA/TIA 568B
<b>Mating cycles:</b>	750 mating cycles guaranteed

### Available versions

Length	PU	Part No.
1m	1	2710610905
2m	1	2710610907
3m	1	2710610909
5m	1	2710610910
10m	1	2710610912
15m	1	2710610914

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