

RJ45 Push Pull male 0°/RJ45 Push Pull male 0° AIDA

PUR 1x4xAWG22 shielded gn UL/CSA 35m

Art.No.: 7000-74641-7943500

Weight: 2.791

Country of origin: DE

Model designation: MSPAL0-PA-8p4c794_35.0

Male straight – male straight

RJ45PP – RJ45PP, 4-pole

shielded

Push Pull

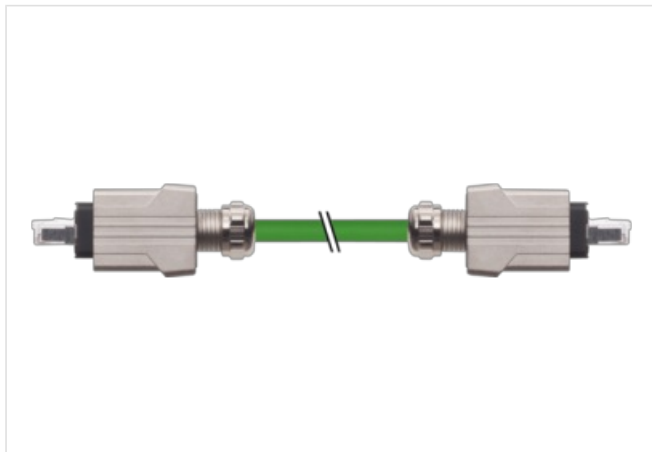
Further cable lengths on request.

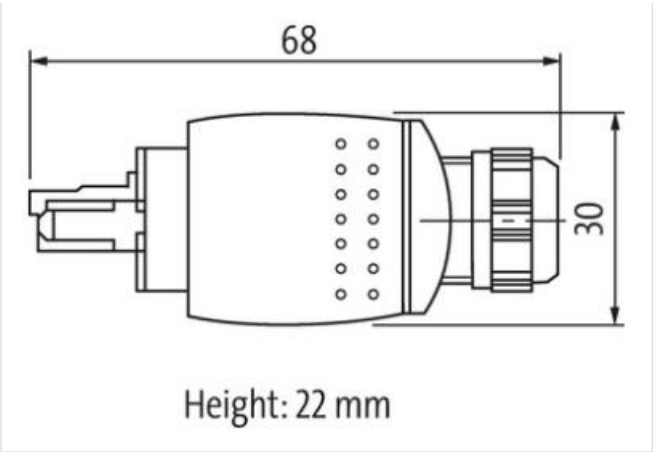
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration





Product may differ from Image



Cable length	35 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Gender	male
Cable outlet	straight
Material	Zinc die-casting
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Mounting method	pluggable
Family construction form	RJ45
Gender	male
Cable outlet	straight
Material	Zinc die-casting
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
customs tariff number	85444210
EAN	4048879880787
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	

Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
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Data transmission rate max.	100 MBit/s
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Industrial communication | Ethernet functionality

duplex	Full duplex
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Rated surge voltage	1 kV
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Material group (IEC 60664-1)	I
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Mechanical data

Contour for corrugated hose	without
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Mechanical data | Mounting data

Looking techniques	Push Pull
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	70 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Installation | Cable

wire arrangement	white, yellow, blue, orange
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Cable identification	794
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Jacket Color	green
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	4 wires around Filler twisted
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Cable shielding (type)	copper braid, tinned
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Cable shielding (coverage)	85 %
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Banding	Fleece, Foil
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Filler	yes
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wire arrangement	white, yellow, blue, orange
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Cable weight	75,87 g/m
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Material jacket	PUR
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Shore hardness jacket	89 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Outer-diameter (jacket)	6,7 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material inner jacket	FRNC
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Color (inner jacket)	white
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Material wire insulation	PE
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Amount wires	4
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Outer diameter insulation	1,55 mm
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Outer diameter tolerance core insulation	± 5 %
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Shore hardness wire insulation	65 Shore D
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Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
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Amount strands (wire)	7
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Diameter of single wires	22 AWG
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Conductor crosssection (wire)	22 AWG
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Material conductor wire	Stranded copper wire, bare
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Nominal voltage AC max.	300 V
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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 $\Omega \pm 15 \%$
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter