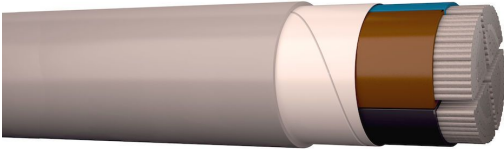


## Power Cables 1kV

# PEX-AL-S 1 kV



### Application

Flexible Halogen free power cable.  
Suitable for installation outdoors in cable trough and directly in soil.  
Suitable for plowing.

### Flame retardance

Flame retardant - Not applicable

### Standard

IEC 60228	Conductor standard
IEC 60502-1	Construction Standard
CENELEC HD 603 Part 5 Section B	Harmonized construction standard

### Construction

Conductors	Stranded sector shaped aluminum core acc. to IEC 60228 class 2
Conductor Insulation	XLPE, halogen-free
Marking of cores	Light Blue, Brown, Black and Grey
Inner covering	Plastic tape
Outer Sheath	UV-stabilized halogen-free PE, grey
Example of marking on sheath	PEX-AL-S 1 kV PRYSMIAN "Date and time", meter marked

### Temperature

Maximum operating Temperature	90°C
Temperatures at installation [°C]	Minimum -15 °C

### Features

Additional Feature Information	4 kV AC
Bending radius	During installation: 10xD Final installation: 8xD
Max Pulling force - pulling grip [N/mm <sup>2</sup> ]	25 N/mm <sup>2</sup>

### Electrical

Test Voltage [kV]	4 kV AC
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Conductors and screen area [mm <sup>2</sup> ]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	SAP Number
4x50	25,6	740	1000	K18	20218724
4x95	33,1	1340	1000	K20	20218725
4x150	41	2055	500	K20	20218726
4x240	52	3350	500	K22	20218727