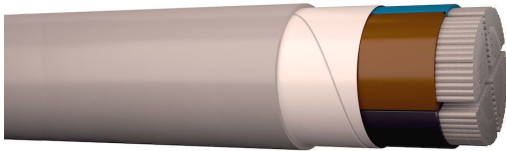


Power Cables 1kV

PEX-AL-S PLUS 1 kV



Application

Flexible Flame retardant and Halogen free power cable.
Suitable for installation indoor, outdoor, in cable trough and directly in soil.

Flame retardance

IEC 60332-1 - Fire propagation class

Standard

IEC 60228
IEC 60502-1
EN 50575:2014

Conductor standard
Construction Standard
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

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	Flame retardant, UV-stabilized halogen-free compound, grey
Example of marking on sheath	PEX-AL-S PLUS 1 kV Eca PRYSMIAN "Date and time", meter marked

Temperature

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

Features

CPR Performance class	Class Eca DOP no. 1004223 www.dop.prysmian.dk
Additional Feature Information	4 kV AC
Bending radius	During installation: 10xD Final installation: 8xD
Max Pulling force - pulling grip [N/mm ²]	25 N/mm ²

Electrical

Test Voltage [kV]	4 kV AC
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Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	SAP Number
4x150	47	2225	500	K22	20218728
4x240	58	3510	500	K24	20218729