

HIFLEX® AGP 400 F LH

• **Conductor**

1. Class 5 red copper according to IEC 60228
2. Polyvinyl chloride

• **Control core**

3. Class 6 tin plated copper according to IEC 60228
4. Polyester elastomer
Helicoidal stranding of 3 or 4 conductors
5. Polyvinyl chloride



Applications

Electrical cable for fixed installation: underground connection between the power unit and the stationary unit, allowing battery charging, pre-flight provisions, checks and maintenance operations.

Marking

CGP HIFLEX AGP 400 F LH - 7x[*cross-section*]mm² + 6x[nb control core]x1mm² - 0.6/1kV - [batch number]

Colour code

Conductor: Blue / white (x2) / brown (x2) / black (x2)
Control core: Black numbered
External Sheath: Orange
Other: please consult us.

General characteristics

• **Thermal**

Maximal use temperature in static use: **-30°C to +90°C**

• **Electrical**

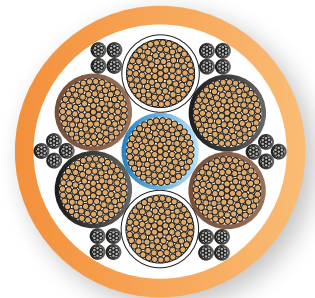
Operating voltage: 0.6 / 1 kV
Nominal voltage: 115 / 230 V
Test voltage: 4000 V
Maximal current rating : 25mm² : 210A / 35mm² : 270A
(*Tambient : 30°C / Tconductor : 90°C*)

• **Mechanical strength**

Minimal bending radius : 6 x Ø in static use

• **Chemical**

All materials comply with the RoHs and Reach european directives
Good resistance to ozone, water, UV radiations and mineral oils.



7x25 mm² + 6x4x1 mm²
7x35 mm² + 6x4x1 mm²

Also available in
7x25 mm² + 6x3x1 mm²
7x35 mm² + 6x3x1 mm²

*General assembling: Helicoidal stranding
Assembling protection by non woven polyester tape (covering : 25% min).*

AGP 400 F LH

Nb cores x Cross section	Cable outer diameter (mm)		Voltage drop (mV/Am)	Maximum linear resistance at 20°C (Ω / km)	Approx. Cable weight (kg / m)
	Min	Max			
7x25 mm ² + 6x3x1 mm ²	35.5	38.5	1 mm ² : 49 25 mm ² : 1.85	1 mm ² : 20.5 25 mm ² : 0.84	2.5
7x25 mm ² + 6x4x1 mm ²	35.5	38.5	1 mm ² : 49 25 mm ² : 1.85	1 mm ² : 20.5 25 mm ² : 0.84	2.5
7x35 mm ² + 6x3x1 mm ²	37.5	40.5	1 mm ² : 49 35 mm ² : 1.3	1 mm ² : 20.5 35 mm ² : 0.60	3.2
7x35 mm ² + 6x4x1 mm ²	37.5	40.5	1 mm ² : 49 35 mm ² : 1.3	1 mm ² : 20.5 35 mm ² : 0.60	3.2

For this product, please contact:

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