

HIFLEX® AGP 400 F A

• **Conductor**

1. Class 5 red copper according to IEC 60228
2. Polyethylen

• **Control core**

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

5. Halogen free polyolefin
6. Double steel tape
7. Halogen free polyolefin



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 A -
7x35 mm² + 6x4x1 mm² - 0.6/1kV
[batch number]

Colour code

Conductor: Blue / black numbered 1 to 3 (x2)
Control core: White numbered
External Sheath: Black
Other: please consult us.

General characteristics

• **Thermal**

Maximal use temperature in dynamic use: **-20°C to +90°C**

• **Electrical**

Operating voltage: 0.6 / 1 kV
Nominal voltage: 115 / 230 V
Test voltage: Power cores: 4000 V
Control cores: 1500 V
Maximal current rating: 270A
(*T_{ambient} : 30°C / T_{conductor} : 90°C*)

• **Mechanical strength**

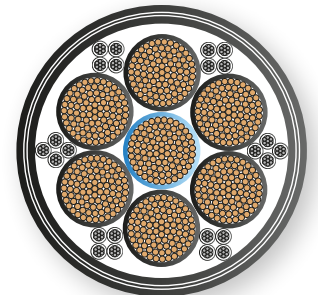
Minimal bending radius: 10 x Ø in static use
Impact resistance: AG4
Rodent resistant

• **Chemical**

All materials comply with the RoHs and Reach european directives
Good resistance to chemical attack
Halogen free materials according to IEC 60754-1
Low corrosivity according to IEC 60754-2
Low emission of opaque smoke according to IEC61034-2
Water resistance: AD6

• **Fire-performance**

Flame retardant according to IEC60332-1.



7x35 mm² + 6x4x1 mm²

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

AGP 400 F A					
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			
7x35 mm ² + 6x4x1 mm ²	38.5	41.5	1 mm ² : 49 35 mm ² : 1.3	1 mm ² : 20.5 35 mm ² : 0.60	3.6

For this product, please contact:

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