



NAYY-O

BATT Part Number:	83028
Application:	For fixed installation in buildings, in free air, in ground and in water
No of cores x cross section	1x300mm ² RM
Conductors:	Aluminium circular stranded compacted, class 2 EN 60228
Insulation:	PVC type DIV 4
Insulation thickness:	2.4mm
Colour:	Acc. to HD 308: 1 core: Black
Outer sheath:	PVC type DMV 5
Sheath thickness:	1.9mm
Sheath colour:	Black
Approx. cable diameter :	30.0mm
Min temp for laying and manipulation:	- 5°C (measured on cable sheath)
Max temp on conductor:	+ 70 °C
Rated current carrying capacity trefoil:	In air at 30°C: 437A In ground at 20°C: 425A
Rated current carrying capacity flat unipolar cable in DC systems:	In air at 30°C: 555A In ground at 20°C: 656A
Voltage drop, V/A/km:	0.25 V/A/km
Min bending radius:	15 x overall diameter
Voltage:	0.6/1 U _o /U KV
Standard specification:	VDE 0276 TEIL 603 (HD 603 PART 3G)
Tests:	Acc. to VDE 0276 TEIL 603
Note:	In case of outdoor installation in open air the cable should be protected from direct or indirect UV exposure. UV resistant sheaths can be manufactured upon request.