



GUARANTEED TECHNICAL SPECIFICATIONS

1X400mm² CU/PVC/PVC/AWA/PVC 600/1000 V LOW VOLTAGE CABLE

1- Manufacturer		:	HALLEY CABLES
2- Type of Cable		:	NYR(A)Y
3- Standard		:	IEC 60502
4- Rated Voltage (U₀ / U)	(V)	:	600/1000
5- Number of cores and nominal cross-section	(N0xmm ²)	:	1x400
6- Material of Conductor		:	Electrolytic Copper (Class 2)
7- Current Carrying Capacity			
-In air*	(A)	:	817
-Underground**	(A)	:	730
8- DC Resistant of Conductor at 20°C	(Ω/km)	:	0,047
9- Max. Continous conductor temperature	(°C)	:	70
10- AC Resistance at Max. Operating Temperature	(Ω/km)	:	0,056
11- Power Loss at 20°C with Max. Operating Current	(kW/km)	:	89,90
12- Permesible Conductor Temperature at Short Circuit	(°C)	:	160
13- Max. Short Circuit Current for 1 s	(kA)	:	46
14- Material of Insulation		:	PVC
15- Wall Thickness of Insulation	(mm)	:	2,6
16- Number and Diameter of Concentric Conductor	(N0xmm)	:	-
17- Size of Aluminium Armoured	(mm)	:	2,0
18- Marerial of Sheath		:	PVC
19- Wall Thickness of Sheath	(mm)	:	2,1
20- Aprox. Cable Diameter	(mm)	:	41,9±0,5
21- Aprox. Unit Weight of Cables	(kg/km)	:	4930
22- Aprox. Unit Weight of Aluminium	(kg/km)	:	475
23- Aprox. Unit Weight of Conductor	(kg/km)	:	3479
24- Min. Bending Radius	(mm)	:	628
25- Min. Temperature of Laying	(°C)	:	3

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