

DRUM PUR 0,6/1 (1,2) kV



REELING CABLES HALOGEN FREE

Maximum conductor temperature : 90°C

1- Conductor

Flexible bare copper - Class 5
IEC 60228

2- Insulation

Ethylene Propylene Rubber (EPR)
or Cross-linked polyethylene (XLPE)

3- Filler + inner sheath

Thermoplastic compound

5- Anti-twisting high tensile yarns

6- Outer sheath

PUR – Polyurethane / low adhesion
and high mechanical resistance
colour : yellow or black

scr.

• Core identification

4 cores : black - brown – grey - green/yellow (3
earth cores for sizes > 25 mm²)
5 cores : black – brown – grey – blue – green/yellow
multicore : black, white numbered

• Sheath marking

___DRUM-PUR 0,6/1 kV - n x S mm² ROHS CE
week/year + metric marking

• Minimum bending radius (VDE 0298-3)








Static : $5 \times \varnothing_{out}$ / Dynamic : $7,5 \times \varnothing_{out}$

• Maximum tensile strength

25 N/mm² x copper cross-section

• Max. reeling speed : 150 m/min

These cables with reinforced polyurethan sheath
are especially designed for reeling applications or
any other application involving strong mechanical
efforts.

 <p>mobile : -30 ; +80 °C fixed : -40 ; +80 °C</p>	 <p>Bon Good</p>	 <p>Bon Good</p>	 <p>Flexible (VDE 0298-3)</p>	 <p>Oil, UV, Ozone Resistant (IEC 60811-2-1)</p>	<p>LOW SMOKE FUME ZERO HALOGENE</p>  <p>IEC 61034-1&2 IEC 60754-1&2 FIRE : IEC 60332-1</p>	 <p>RoHS COMPLIANT</p>
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	Diamètre extérieur Outer diameter (mm)	Intensité admissible ⁽¹⁾ Permissible current rating ⁽¹⁾ (A)	Traction max. Max. Tensile load (daN)	Poids de cuivre Copper Index (kg/km)	Masse Weight Approx. (kg/km)
4 G 1.5	13.0	18	15	58	-
4 G 2.5	14.0	24	25	96	200
4 G 4	15.3	40	40	154	280
4 G 6	16.9	51	60	230	390
4 G 10	19.9	71	100	384	610
4 G 16	22.5	95	160	614	940
3 x 25 + 3 G 6	25.4	121	232	893	1240
3 x 35 + 3 G 6	28.2	150	307	1181	1640
3 x 50 + 3 G 10	30 / 32,5	200	450	1728	2080
3 x 70 + 3 G 16	34 / 37	250	645	2477	2980
3 x 95 + 3 G 16	42.2	301	832	3197	4701
3 x 120 + 3 G 25	47.2	352	1087	4176	5341
3 x 150 + 3 G 25	53.1	404	1312	5040	6146
3 x 185 + 3 G 35	57.1	461	1650	6336	7454
3 x 240 + 3 G 50	64.6	547	2175	8352	9280
5 G 1.5	13.5	18	19	72	-
5 G 2.5	15.1	24	31	120	240
5 G 4	16.6	40	50	192	340
5 G 6	18.4	51	75	288	490
5 G 10	21.4	71	125	480	720
5 G 16	24.7	95	200	798	1120
5 G 25	30.7	121	312	1200	1570
5 G 35	34.3	150	437	1680	2070
7 x 1.5	13.0	18	26	101	210
7 x 2.5	16.0	24	44	168	350
12 x 1.5	17.4	16	45	173	410
12 x 2.5	21.8	22	75	288	700
18 x 1.5	17.4	12	67	259	430
18 x 2.5	21.8	16	112	432	760
24 x 1.5	20.3	10	90	346	700
24 x 2.5	25.8	14	150	576	1070
36 x 1.5	22.4	8	135	518	920
36 x 2.5	28.8	12	225	864	1450
42 x 2.5	30.9	10	262	1008	1520
26G2.5 + (4x2.5)c	27.0	14	150	632	1260



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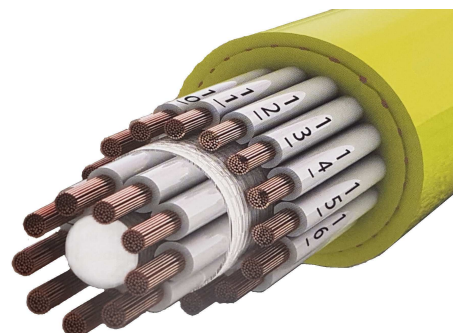
Permissible current rating are stated for a single cable uncoiled on the ground, at an ambient temperature of 30°C and a conductor temperature of 90°C.

If used under other conditions, the following factors are applicable :

Ambiente Ambient temperature	(°C)	10	20	30	40	50	55	60
Coefficient Factor	K1	1.17	1.09	1	0.90	0.80	0.74	0.67

If the cable is used on a cable reel, make allowance for the temperature rise in adjacent turns by using the following reduction factors :

Multi-turn				Single turn							
Nber of layers	1	2	3	Number of turns	1	2	3	4	6	8	10
	K1	0.80	0.60		0.50	K2	1	0.88	0.80	0.75	0.73



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