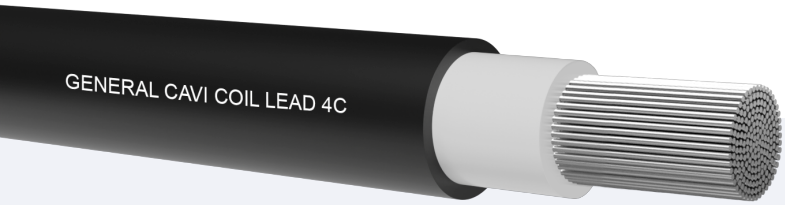
COIL LEAD 4C

[GB]CPR Fca

Model Product: 457 - 20201123



Flexible conductor TINNED copper, class 5.
Double layer of insulation quality FR1 interior White outside Black

STANDARDS

BS EN 60228 BS 7655 BS 6195/69

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 3)

COMMON FEATURES

Coil leads are designed for direct and permanent connection to coil winding of motors and other electrical apparatus.When used in coil lead applications, cable may also be required to withstand high temperatures or immersion in varnish or compound. May also be used for other applications such as flexible power leads.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm): 4D

Maximum pulling stress: 50 N/mmq

PACKING

Long lengths on cable drums or coils in thermo foil.

FLEXIBLE CABLES WITH TINNED CONDUCTOR

Nominal voltage U0: 600 V

Nominal voltage U: 1000 V

Test voltage: 4000 V

Maximun operating temperature: +90°C

Maximun short circuit temperature: +250°C

Minimum installation and laying temperature: -20°C

Min. operating temperature (without mechanical shocks): -35 °C

CORE COLOURS

Single core: Interior White outside Black

INK MARKING

Identification marking.

NOTE

Special features:RI (Hydrocarbon Resistant) CEI 20-34 / 0-1 and PQA to OIL & GAS specifications.

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TECHNICAL SPECIFICATIONS FOR COIL LEADS

Nominal Section	Approx conductor diameter	Iinsulation thickness	MAXIMUM external diameter	Approx cable weight	Elettric Resistace 20°C	Current carrying capacities 30°C
(mmq)	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)	(A)
Single core						
1x2.5	2.0	1.4	5.6	49	8.21	36
1x4	2.6	1.4	6.3	66	5.09	49
1x6	3.4	1.5	7.5	87	3.39	64
1x10	4.4	1.5	8.5	130	1.95	90
1x16	5.7	1.5	9.6	185	1.24	120
1x25	6.9	1.6	11.4	275	0.795	163
1x35	8.1	1.6	12.8	365	0.565	203
1x50	9.8	1.7	14.8	510	0.393	267
1x70	11.6	1.8	17.2	710	0.277	324
1x95	13.3	2.0	19.7	925	0.210	391
1x120	15.1	2.2	21.9	1165	0.164	455
1x150	16.8	2.3	24.1	1435	0.132	525
1x185	18.6	2.4	26.3	1725	0.108	600
1x240	21.4	2.4	28.3	2220	0.0817	725
1x300	23.9	2.6	33.0	2755	0.0654	840
1x400	27.5	2.8	37.4	3710	0.0495	1010