



ROYASIL CSP

THERMAL

CLASS H

POLIESTERFIBRE SILICONE ELECTRICAL CABLE

-60°C +180°C

ROYASIL CSP is composed by a Flexible red copper core Class5-NFC 32-013, Silicone rubber and Varnish-coated Polyester braid. The colours are White, Blue and Red.

CARACTERISTICAS

Continuous working temperatures -60°C to +180°C (ClassH). Peaks at +230°C. Adequate resistance to thermal shock and UV. Excellent ageing resistance. Adequate resistance to humidity and the usual chemical atmospheres. Excellent mechanical strength. Compatible with most impregnation varnishes. Working voltage 500 V. Test voltage 200 V. Brekdown voltage 6000 V dry. Max. Permissible current for ambient temperature 170°C. Linear resistance (refer to table).

FIELD OF APPLICATION

Wiring of rotating machines. Motors. Alternators. Generators. Static machines. Transformers. Inductors (Class H). The Silicone-impregnated Polyester braid provides excellent mechanical reinforcement.

CORE

INSULATED WIRE

CROSS SECTION mm ²	STRANDING	OUTSIDE DIAMETER mm	LINEAR WEIGHT kg/km	LINEAR RESIST.20° C
0.25	08 x 0.20	1.8	5.30	78.6
0.5	16 x 0.20	2.0	8.00	52.4
0.75	24 x 0.20	2.2	10.9	26.0
1.0	32 x 0.20	2.3	13.4	19.5
1.5	30 x 0.25	2.7	19.8	13.3
2.5	50 x 0.25	3.4	30.7	7.98
4.0	56 x 0.30	4.2	48.0	4.95
6.0	84 x 0.30	5.2	73.0	3.30
10	80 x 0.40	7.0	129	1.91
16	126x 0.40	8.6	198	1.21
25	196x 0.40	10.4	295	0.78
35	276x 0.40	11.9	399	0.554
50	396 x 0.40	14.1	562	0.386
70	360 x 0.50	15.9	759	0.272
95	485x 0.50	18.2	1024	0.206
120	608 x 0.50	20.3	1275	0.161
150	756x 0.50	22.8	1587	0.129
185	944x 0.50	24.8	1952	0.106
240	1221 x 0.50	28.8	2560	0.0801
300	1525 x 0.50	31.5	3095	0.0641
400	2037 x 0.50	35.4	5130	0.0486

SUPPLY

In coils of 100 m, according to cross-section, on returnable spools. Tolerances on weights and diameters +- 5%.

La información que le ofrecemos es de carácter orientativo y como resultado de nuestros ensayos, pero sin asumir ninguna responsabilidad derivada de su aplicación.