

## SILICONE FG40R

Silicone cables

Multi core cable with silicone rubber insulation and PVC sheath.



### TECHNICAL DATA

Nominal tension	300/500 V
Type of electrical conductor	Flexible tinned copper
Type of insulation	EI2 (EN 50363-1)
Type of outer sheath	TM3 (EN 50363-4-1)
Color of the outer sheath	Black
Operating temperature	-60° C   +90° C
Test voltage	2000 V

### REFERENCES STANDARDS

Conductor	EN 60228; IEC 60228
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## DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Insulation diameter $\pm$ 0,1	Minimum average external diameter	Medium outer diameter $\pm$ 0,2	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	( $\Omega$ /km)	(kg/km)	(kg/km)
2x0,50	0,21	0,86	0,60	N/A	0,60	5,6	40,1000	N/A	9,6000
2x0,75	0,21	1,05	0,60	N/A	0,60	6,0	26,7000	N/A	14,4000
2x1,00	0,21	1,21	0,60	N/A	0,80	6,6	20,0000	N/A	19,2000
2x1,50	0,26	1,49	0,70	N/A	0,80	7,6	13,7000	N/A	28,8000
3x0,50	0,21	0,86	0,60	N/A	0,60	5,9	40,1000	N/A	14,4000
3x0,75	0,21	1,05	0,60	N/A	0,60	6,3	26,7000	N/A	21,6000
3x1,00	0,21	1,21	0,60	N/A	0,80	7,0	20,0000	N/A	28,8000
3x1,50	0,26	1,49	0,70	N/A	0,90	8,2	13,7000	N/A	43,2000
4x0,75	0,21	1,05	0,60	N/A	0,80	7,3	26,7000	N/A	28,8000
4x1,00	0,21	1,21	0,60	N/A	0,90	7,8	20,0000	N/A	38,4000
5x0,75	0,21	1,05	0,60	N/A	0,90	8,2	26,7000	N/A	36,0000
5x1,00	0,21	1,21	0,60	N/A	0,90	8,5	20,0000	N/A	48,0000

## CORES IDENTIFICATION

Cores number	Insulation colour sequence
2	NA
3	NA
4	NA
5	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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