

LOW VOLTAGE CABLES

CE



FROR 300/500V and 450/750V



Cable Structure:

Conductor:	flexible red copper, class. 5 of IEC 60228
Insulation:	PVC, TI2 quality
Outer sheath:	grey PVC, TM2 quality

Technical data:

Temperature range:	- 15 °C to + 70 °C Fixed installation Flexible installation: 0 °C to + 70 °C
Nominal voltage:	U _o /U 300/500 V U _o /U 450/750 V
Max. short circuit temperature:	160 °C
Min. bending radius:	Fixed installation: 4 x d Flexible installation: 10 x d
Max. tensile stress:	Fixed installation: 1,5 kg x mm ² Flexible installation: 5 kg x mm ²

Outstanding features:

- ▶ Flame retardant CEI 20-22 II
- ▶ no flame propagation CEI EN 50265-2-1 (CEI EN 60332-1-2)
- ▶ corrosiveness gases or halogens CEI EN 50267-2-1
- ▶ according to IEC 60502-1

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FROR 300/500 V

Item no.	No. of cores x cross section n x mm ²	Outer Ø max. ca. mm	Weight ca. kg/km	AWG no. (*)
02000710F	7G1	11.1	151	18
02001010F	10G1	14.3	220	18
02001210F	12G1	14.8	250	18
02001610F	16G1	16.5	330	18
02001910F	19G1	17.7	385	18
02002410F	24G1	20.7	485	18
02002710F	27G1	21.4	600	18
02000715F	7G1.5	13.1	215	16
02001015F	10G1.5	16.7	305	16
02001215F	12G1.5	17.5	345	16
02001615F	16G1.5	19.4	455	16
02001915F	19G1.5	20.5	520	16
02002415F	24G1.5	24.3	675	16
02002715F	27x1.5	25.0	720	16

FROR 450/750 V

Item no.	No. of cores x cross section n x mm ²	Outer Ø max. ca. mm	Weight ca. kg/km	AWG no. (*)
02000210F	2x1	8.7	74	18
02000215F	2x1.5	9.2	89	16
02000225F	2x2.5	11.2	134	14
02000240F	2x4	12.5	178	12
02000260F	2x6	13.9	242	10
02000310F	3G1	9.1	88	18
02000315F	3G1.5	9.8	108	16
02000325F	3G2.5	11.9	163	14
02000340F	3G4	13.5	227	12
02000360F	3G6	14.9	305	10
02000410F	4G1	9.9	105	18
02000415F	4G1.5	10.9	133	16
02000425F	4G2.5	12.9	200	14
02000440F	4G4	14.7	278	12
02000460F	4G6	16.3	375	10
02000510F	5G1	11.1	135	18
02000515F	5G1.5	12.0	167	16
02000525F	5G2.5	14.3	252	14
02000540F	5G4	16.5	351	12
02000560F	5G6	18.0	476	10

Other constructions and sizes are available on request.