



SM (CABLES)

Low voltage wiring, flexible and special cables



STANDARDS




CEI 20 - 22 II
CEI 20 - 20/1
CEI EN 60332-1-2
CEI EN 50267-2-1
2011/65/CE
2006/95/CE





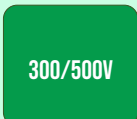
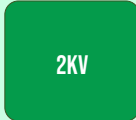


FROR 300/500-V

PVC Insulated, PVC Sheathed Multicore Power Cable

CONSTRUCTION (Cu / PVC / PVC / PVC)

- 1  **Conductor**
Annealed red copper with flexible round cord
- 2  **TI2**
Polyvinyl chloride (PVC) TI2 quality
- 3  **TM2**
Polyvinyl chloride (PVC) sheathing type TM2

SPECIFICATIONS

-  **+70°C** Operating temperature
-  **160°C** Maximum short circuit temperature
-  **300/500V** Rated voltage U_0/U
-  **2KV** AC Test Voltage
-  **4 X D** Minimum Bending Radius
-  Flame propagation test on single cable. Euroclass Eca.

APPLICATIONS

Suitable for energy transport in mobile connections and for fixed installation in environments at risk of fire such as places of public entertainment. They can be installed in dry or wet rooms and for temporary or intermittent use even outside.

MARKING

Embossed, or printed with CIJ in white or black indelible ink.
SM (CABLES) to CEI 60332-1 FROR #X###SQ MM 300/500V Fca CE

TECHNICAL DATA

Product Code	Nominal Cross Section mm ²	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resistance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
FROR 450/750-V					
SMFROR300 7X1/00	7 x 1.0	11.1	151	19.5	9
SMFROR300 7X1/50	7 x 1.5	13.1	215	13.3	11
SMFROR300 10X1/00	10 x 1.0	14.3	220	19.5	8
SMFROR300 10X1/50	10 x 1.5	16.7	305	13.3	10
SMFROR300 12X1/00	12 x 1.0	14.8	250	19.5	7.5
SMFROR300 12X1/50	12 x 1.5	17.5	345	13.3	9.5
SMFROR300 16X1/00	16 x 1.0	16.5	330	19.5	7
SMFROR300 16X1/50	16 x 1.5	19.4	455	13.3	8.5
SMFROR300 19X1/00	19 x 1.0	17.7	385	19.5	6.5
SMFROR300 19X1/50	19 x 1.5	20.5	520	13.3	8
SMFROR300 24X1/00	24 x 1.0	20.7	485	19.5	6
SMFROR300 24X1/50	24 x 1.5	24.3	675	13.3	7.5

Specifications and technical data is provided in good faith and is believed to be correct at the time of publication. Actual products may differ in dimensions due to manufacturing tolerances. The information provided within this document is typical and is intended for guidance only. This specification and data is subject to changes without notice or liability.