



# 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 450/750-V

PVC Insulated, PVC Sheathed Multicore Power Cable

### CONSTRUCTION (Cu / PVC / PVC / PVC)

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

### SPECIFICATIONS

- +70°C** Operating temperature
- 2KV** AC Test Voltage
- 160°C** Maximum short circuit temperature
- 4 X D** Minimum Bending Radius
- 450/750V** Rated Uo/U
- 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 450/750V Fca CE

### TECHNICAL DATA

Product Code	Nominal Cross Section mm <sup>2</sup>	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resistance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
<b>FROR 450/750-V</b>					
SMFROR450 2X1/00	2 x 1.0	8.7	74	19.5	12.5
SMFROR450 2X1/50	2 x 1.5	9.2	89	13.3	17
SMFROR450 2X2/50	2 x 2.5	11.2	134	7.98	22.5
SMFROR450 2X4/00	2 x 4.0	12.5	178	4.95	30
SMFROR450 2X6/00	2 x 6.0	13.9	242	3.3	40
SMFROR450 3X1/00	3 x 1.0	9.1	88	19.5	12.5
SMFROR450 3X1/50	3 x 1.5	9.8	108	13.3	17
SMFROR450 3X2/50	3 x 2.5	11.9	163	7.98	22.5
SMFROR450 3X4/00	3 x 4.0	13.5	227	4.95	30
SMFROR450 3X6/00	3 x 6.0	14.9	305	3.3	40
SMFROR450 4X1/00	4 x 1.0	9.9	105	19.5	12.5
SMFROR450 4X1/50	4 x 1.5	10.9	133	13.3	17

\* Other Dimensions Available

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.