



SM (CABLES)

Low voltage wiring, flexible and special cables



STANDARDS

CEI 20 - 20/5
CEI 20 - 11
CEI 20 - 29



FROR

Flame Retardant (Self-Extinguishing) Cable

CONSTRUCTION (Cu / PVC / PVC / PVC)

- Conductor**
Red copper flexible round cord (Class6)
- Insulation**
Polyvinyl chloride (PVC) T12 quality
- Outer Sheath**
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
- 300/500V** Rated voltage Uo/U
- Flame propagation test on single cable. Euroclass Eca.**

APPLICATIONS

Suitable for household appliances, tool extensions and portable devices

MARKING

Embossed, or printed with CIJ in white or black indelible ink.

SM (CABLES) to CEI 20-20/5 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					
SMOFROR 2X1/00	2 x 1.0	8.8	80	19.5	12.5
SMOFROR 2X1/50	2 x 1.5	9.3	92	13.3	17
SMOFROR 2X2/50	2 x 2.5	11	145	7.98	22.5
SMOFROR 3X1/00	3 x 1.0	9.4	95	19.5	12.5
SMOFROR 3X1/50	3 x 1.5	9.8	115	13.3	17
SMOFROR 3X2/50	3 x 2.5	12	165	7.98	22.5
SMOFROR 4X1/00	4 x 1.0	10	115	19.5	12.5
SMOFROR 4X1/50	4 x 1.5	11	140	13.3	17
SMOFROR 4X2/50	4 x 2.5	13	205	7.98	22.5

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.

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LOW VOLTAGE POWER CABLE