



SM (CABLES)

Low voltage wiring, flexible and special cables



STANDARDS

EN50575
EN13501-6
EN50399
EN60332-1-2
EN 60754-2


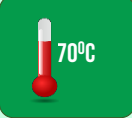









Fire-Proof Flex Cable , FS180R18

PVC Insulated, PVC Sheathed Multi-core Flexible Cable

CONSTRUCTION (Cu/PVC/PVC)

SPECIFICATIONS

1		Conductor Annealed red copper with flexible round cord (Class 5)		Maximum operating temperature		AC Test Voltage
2		Insulation Polyvinyl chloride Type: S18		Maximum short circuit temperature		Minimum Bending Radius
3		Sheath Polyvinyl chloride Type: R18		Rated voltage U _o /U		Flame propagation test on single cable. Euroclass Fca.

APPLICATIONS

Used in dry and humid areas for power, signalling and control in buildings and civil engineering works with the aim of constraining the generation and spread of fire and smoke.

MARKING

Embossed, indented, or printed with CIJ in Black or white indelible ink.
SM (CABLES) to BS EN 50575-2-21 FS180R18 #X###SQ MM 300/500V Cca 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)
Multi Core FS180R18 300/500V					
SMFS180R18 2x0/50	2 x 0.5	4.5	40	39	10
SMFS180R18 2x0/75	2 x 0.75	5.2	48	26	13
SMFS180R18 2x1/00	2 x 1	5.6	56	19.5	15
SMFS180R18 2x1/50	2 x 1.5	6.2	71	7.98	22
SMFS180R18 2x2/50	2 x 2.5	7.6	106	7.98	30
SMFS180R18 3x0/50	3 x 0.5	4.7	47	39	10
SMFS180R18 3x0/75	3 x 0.75	5.5	57	26	13
SMFS180R18 3x1/00	3 x 1	6	67	19.5	15
SMFS180R18 3x1/50	3 x 1.5	6.6	86	13.3	22
SMFS180R18 3x2/50	3 x 2.5	8.3	131	7.98	30
SMFS180R18 4x0/50	4 x 0.5	5.2	55	39	9
SMFS180R18 4x0/75	4 x 0.75	6	65	26	11
SMFS180R18 4x1/00	4 x 1	6.7	80	19.5	13.6
SMFS180R18 4x1/50	4 x 1.5	7.1	101	13.3	18.5

* 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.

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FLEXIBLE SHEATHED CABLE