

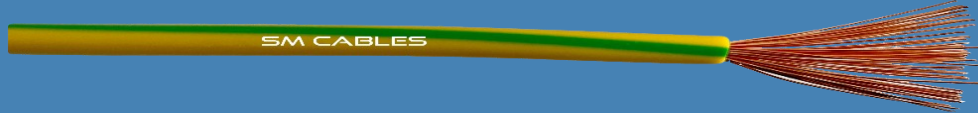


SM (CABLES)

Low voltage wiring, flexible and special cables



STANDARDS

EN50525-2-31
EN60228
EN50267-2-1
IEC60332-1-2









Single Core Wire, FS17

CONSTRUCTION (Cu/PVC)

-  **Conductor**
Flexible multi-stranded copper (Class 5)
-  **TI 1 PVC**
Polyvinyl chloride Type: T11

SPECIFICATIONS

-  **70°C** Maximum operating temperature
-  **160°C** Maximum short circuit temperature
-  **2KV/2.5KV** AC Test Voltage
-  **4 X D** Minimum Bending Radius
-  **450/750V** Rated voltage U_0/U
-  Flame propagation test on single cable. Euroclass Eca.

APPLICATIONS

Used for dry protected installations and equipment, including light fittings, distribution boards and laid inside conduit and trunking.

MARKING

Embossed, indented, or printed with CIJ in Black or white indelible ink.

SM (CABLES) tFS17 ###SQ MM 450/750V

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)
FS17 450/750V / 6491X					
SMFS171/50	1.5	2.8	20	13.3	24
SMFS172/50	2.5	3.4	30	7.98	32
SMFS174/00	4	3.9	45	4.95	42
SMFS176/00	6	4.4	66	3.3	54
SMFS1710/0	10	5.7	110	1.91	73
SMFS1716/0	16	6.7	170	1.21	98
SMFS1725/0	25	8.4	260	0.78	129
SMFS1735/0	35	9.7	355	0.554	158
SMFS1750/0	50	11.5	500	0.386	198
SMFS1770/0	70	13.2	720	0.272	245
SMFS1795/0	95	15.1	960	0.206	292

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.

T: +356 21 697 888

www.sm cables.com
info@sm cables.com

PVC - LOW VOLTAGE WIRING