



H07V-R

Low voltage PVC insulated flexible conductor

APPLICATION

For laying in pipes on top of or under plaster and in closed installation ducts and for internal wiring of machinery, switchgear and distributor systems. The cable is not suitable for direct laying under plaster.

TECHNICAL CHARACTERISTICS

CPR class: Eca
Test voltage: 2,5 kV
Rated voltage: 450/750 V
Bending radius (min): 6xD
Max. conductor temperature: 70°C
Max. short-circuit temperature: 160°C

CONSTRUCTION

Conductors: Cu rope, class 2
Insulation: PVC compound

STANDARD

EN 50525-2-31, IEC 60227

CORE IDENTIFICATION

According to EN 50525-1

Insulation colors:

- Black ● Blue ● Brown ● Grey ● Orange ● Pink
- Red ● Turquoise ● Violet ○ White ● Green/Yellow

CERTIFICATION



NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR AT 30°C	INSULATION THICKNESS	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²	Ω/km	A	mm	mm	kg/km	kg/km
1x1,5	12,1	17,5	0,7	3,0	14,4	23
1x2,5	7,41	24	0,8	3,6	24,0	35
1x4	4,61	32	0,8	4,2	38,4	51
1x6	3,08	41	0,8	4,7	57,6	71
1x10	1,830	57	1,0	6,1	96,0	120
1x16	1,150	76	1,0	7,2	153,6	180
1x25	0,727	101	1,2	8,4	240,0	280
1x35	0,524	125	1,2	9,5	336,0	380
1x50	0,387	151	1,4	11,3	480,0	490
1x70	0,268	192	1,4	12,6	672,0	710
1x95	0,193	232	1,6	14,7	912,0	980
1x120	0,1530	269	1,6	16,2	1152,0	1210
1x150	0,1240	300	1,8	18,1	1440,0	1510
1x185	0,0991	341	2,0	20,2	1776,0	1900
1x240	0,0754	400	2,2	22,9	2304,0	2490

