



FR-N07V-AR

PVC insulated 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: Al rope, class 2
 Insulation: PVC compound

STANDARD

NFC 32-208

CORE IDENTIFICATION

According to EN 50525-1

Insulation colors:

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

CERTIFICATION

CE ezù elektrotechnický
 zkušební ústav

IEC International
 Electrotechnical
 Commission

RoHS
 compliant

REACH
 COMPLIANT

CPR
 Construction Products Regulation
 EN 50575

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
1x16	1,910	-	1,0	7,2	46,4	74,77
1x25	1,200	87	1,2	8,4	72,5	114,25
1x35	0,868	107	1,2	9,5	101,5	154,02
1x50	0,641	131	1,4	11,3	145,0	215,76
1x70	0,443	166	1,4	12,6	203,0	283,92
1x95	0,320	205	1,6	14,7	275,5	382,83
1x120	0,253	239	1,6	16,2	348,0	465,61
1x150	0,206	273	1,8	18,1	435,0	581,16
1x185	0,164	317	2,0	20,2	536,5	716,33
1x240	0,125	378	2,2	22,9	696,0	923,00
1x300	0,100	437	2,4	27,0	870,0	1145,77
1x400	0,0778	513	2,6	32,0	1160,0	1502,24

