



FR-N07V-AU

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.

CONSTRUCTION

Conductors: Al conductor, class 1
 Insulation: PVC compound

CORE IDENTIFICATION

According to EN 50525-1

Insulation colors:

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

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

STANDARD

NFC 32-208

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
1x6	-	-	0,8	4,8	17,4	35,5
1x10	3,08	-	1,0	5,9	29,0	52,4