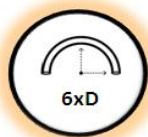
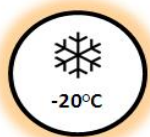
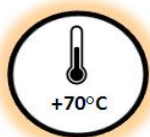


AFY

Cabluri monofilare fara manta

Unsheathed single-core cables



Standard de fabricatie: SR EN 50525-2-31
STAS 6865

Tensiune nominala U_0/U : 0.45/0.75 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru instalatii electrice fixe, interioare la tensiune de 450/750 V.

Se pot instala in conducte la vedere sau nu, direct sub tencuiala, in medii uscate sau umede.

Temperatura max. de lucru in functionarea de durata: +70°C

Temperatura minima in timpul pozarii: +5°C

Temperatura minima dupa pozare: -20°C

Conductor de aluminiu

Conductor de aluminiu recopt unifilar rigid (re) sau multifilar rigid (rm); SR EN 60228

Izolatie

PVC, negru.

Cablurile sunt cu rezistenta la propagarea flacarii conf. SR EN 60332-1-2

Certificare SR EN 50575: clasa Eca.

Marcaj

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, Eca

Raza minima de curbura

6 x diametru cablului

Cod de culori

- Cabluri monoculare: negru, albastru, maro, gri, portocaliu, roz, rosu, turcoaz, violet, alb.
- Cabluri biculare: verde-galben min 30% verde, max 70% galben

* Alte combinatii biculare nu sunt premise

Manufacturing standard: SR EN 50525-2-31
STAS 6865

Rated voltage U_0/U : 0.45 / 0.75 kV

Applicability

Indoor wirings at voltages up to 450/750 V.

The cables can be installed in open or buried conduits, directly under drywall, in dry or moist environments.

Max. long-run operational temperature: +70°C

Lowest temperature during installation: +5°C

Lowest temperature after installation: -20°C

Aluminium conductor

Solid conductor (re), or concentrically stranded conductor (rm), SR EN 60228.

Insulation

PVC, black.

Flame retardant cables, test acc. to SR EN 60332-1-2

SR EN 50575 certified: class Eca.

Marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, Eca

Min. bending radius

6 x diametru cablului

Color coding

- Monochrome cables: black, blue, brown, gray, orange, pink, red, cyan, violet, white
- Yellow-green cables : min 30% green, max 70% yellow

*Other two-color combination aren't allowe



Cabluri monofilare fara manta

Unsheathed single-core cables

Simbol	Sectiune nominala a conductorului	Tip cond.	Grosime nominala izolatie	Diametru exterior max	Rezistenta de izolatie la 70°C, min	Masa Inf
<i>Symbol</i>	<i>Nominal cross-section of conductor</i>	<i>Type of cond</i>	<i>Nominal insulation thickness</i>	<i>Max outer diameter</i>	<i>Min. insulation resistance at 70°C</i>	<i>Mass inf</i>
	mm ²		mm	mm	MΩ*km	kg/km
AFY	4	re	0.8	4.2	0.008	24
AFY	6	re	0.8	4.7	0.008	32
AFY	10	re	1.0	6.0	0.007	53
AFY	16	re	1.0	6.9	0.006	74
AFY	16	rm	1.0	7.5	0.006	83
AFY	25	rm	1.2	9.3	0.005	127
AFY	35	rm	1.2	10.5	0.004	168
AFY	50	rm	1.4	12.5	0.004	238
AFY	70	rm	1.4	14.5	0.004	330
AFY	95	rm	1.6	17.0	0.004	440
AFY	120	rm	1.6	18.5	0.004	530
AFY	150	rm	1.8	20.5	0.004	654
AFY	185	rm	2.0	23.0	0.004	855
AFY	240	rm	2.2	26.0	0.002	1055
AFY	300	rm	2.4	28.5	0.002	1306
AFY	400	rm	2.6	31.2	0.002	1520
AFY	500	rm	2.8	34.0	0.002	1935