



Construction:

Conductor material : aluminium; rigid annealed monowire (re), or rigid multiwire conductor (rm).
 Insulation : PVC type TII.

Technical data and tests:

Nominal voltage U_0/U : 450/750 V.
 Max. long-run operational temp. : +70° C.
 Lowest temp. during installation : -5° C.
 Minimum bending radius : 6 x D.
 Color coding : Monochrome cables: black, blue, brown, gray, orange, pink, red, turquoise, violet, white.
 Yellow-green cables : min 30% green, max 70% yellow.
 Other two-colors combinations are not accepted.

Standards:

Cable : HD 21.3 S3.
 Conductor : EN 60228.

Applications:

This cable is used for indoor wirings at voltages up to 450/750 V. It can be installed in open or buried conduits, directly under drywall, in dry environments.

DIMENSIONS				
Section x type of conductor mm ²	Nominal insulation thickness (approx.) mm	Approx. outer diameter mm	Min. insulation resistance at 70° C MΩ/km	Approx. cable weight kg/km
1 x 2.5 re	0.7	3.5	0.009	18
1 x 4 re	0.8	4.2	0.008	24
1 x 6 re	0.8	4.7	0.008	32
1 x 10 re	1	6	0.007	53
1 x 16 re	1	6.9	0.006	74
1 x 16 rm	1	7.5	0.006	83
1 x 25 rm	1.2	9,3	0.005	127
1 x 35 rm	1.2	10.5	0.004	168
1 x 50 rm	1.4	12.5	0.004	238
1 x 70 rm	1.4	14.5	0.004	330
1 x 95 rm	1.6	17	0.004	440
1 x 120 rm	1.6	18.5	0.004	530
1 x 150 rm	1.8	20.5	0.004	654
1 x 185 rm	2	23	0.004	855
1 x 240 rm	2,2	26	0.002	1055
1 x 300 rm	2.4	28.5	0.002	1306
1 x 400 rm	2.6	31.2	0.002	1520