

VULCAN MINAS DM2N - Protected

VOLTAGE: 0,6/1 kV

 **General Cable**



STANDARDS

UNE 22512 - Construction standard
EN 60332-1-2 - Flame retardant (single wire)
IEC 60332-1-2 - Flame retardant (single wire)

CONSTRUCTION

CONDUCTOR:

Tinned copper, flexible class 5

INSULATION:

Ethylene Propylene (EPR) 90°C

INNER SHEATH:

SBR. Rubber

ARMOUR:

Pliable galvanised steel wires

SHEATH:

Chlorinated polymer

APPLICATIONS AND MAIN CHARACTERISTICS

Reinforced power cables for semi-fixed installation in underground mines with protective earthing distributed conductor.

The armour may be used as a protection conductor, as it is compliant with the required conductance.

Rating temperature 85,5 °C (95 % of 90 °C, according to mining regulations).



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| |  |  |  |  |  |  |
|---------|---|---|---|--|---|---|
| | mm ² | mm | kg/km | mm | A | V/A.km |
| 7027310 | 3x10/3x4 | 30.2 | 1580 | 245 | 47 | 6.089 |
| 7027311 | 3x16/3x6 | 31.9 | 1865 | 255 | 87 | 2.283 |
| 7027312 | 3x25/3x6 | 35.2 | 2350 | 285 | 114 | 1.494 |
| 7027313 | 3x35/3x6 | 36.4 | 2695 | 295 | 141 | 1.084 |
| 7027314 | 3x50/3x10 | 45.9 | 4325 | 370 | 174 | 0.779 |
| 7027315 | 3x70/3x10 | 48.5 | 5025 | 390 | 217 | 0.572 |
| 7027316 | 3x95/3x16 | 52.6 | 6155 | 425 | 272 | 0.453 |
| 7027317 | 3x120/3x25 | 58.9 | 7890 | 475 | 315 | 0.369 |
| 7027318 | 3x150/3x25 | 62.8 | 9140 | 505 | 350 | 0.27 |