



### Construction:

- Conductor : copper wires, stranded.
- Insulation : PVC compound, DIV4.
- Lay-up : cores laid up in layers for optimum pitch.
- Filler : PVC filler compound, BLACK.
- Armour : braided galvanized steel wires, approx. 85 % optical coverage.
- Outer sheath : PVC compound, DMV5.
- Sheath colour : RAL 9005, Black

### Technical data and tests:

- Rated voltage  $U_0/U$  : 0,6 / 1 kV.
- Test voltage (AC 50 Hz) : 3,5 kV.
- Temperature at conductor : 90° C.
- Temperature range : fixed : - 30° C ~ + 70° C.
- Min. bending radius :  $\leq 16 \text{ mm}^2 : 6 \times D.$   
 $\geq 25 \text{ mm}^2 : 8 \times D.$

### Standards:

- Cable : DIN VDE 0276-627, HD 627 S1 & IEC 60502-1.
- Conductor : IEC 60228 Cls. 2, DIN EN 60228 Cls. 2.
- Insulation : HD 603 S1.
- Core identification : HD 308 S2 & VDE 0293-308.
- Flame testing : IEC 60332-1-2.
- Outer sheath : HD 603 S1.

### Applications:

These armoured power and control cables are used indoors and outdoors, in cable ducts, industrial plants, in power, switching plants and underground applications where there is no risk of mechanical damage. The armour above the inner sheath protects the cable from mechanical shocks.

DIMENSIONS				
No. of cores x cross section mm <sup>2</sup>	Approx. diameter under armour mm	Approx. outer diameter mm	Copper weight kg/km	Approx. cable weight kg/km
2x1,5	8,4	13,0	30	270
4x1,5	9,8	14,4	60	347
3x2,5	9,2	13,8	70	330
4x2,5	10,7	15,3	94	410
5x4	14,5	19,1	192	648
2x6	12,2	16,8	107	484
3x6	13,0	17,6	160	565
3X70+35	33,7	39,1	2230	3700

\* Other sizes available upon request.

