



Technical data

- PVC-control cables to DIN VDE 0281 part 5 and IEC 60227-5, HD 21.5 S3
- **Temperature range**
flexing -5 °C to +70 °C
fixed installation -40 °C to +70 °C
- **Nominal voltage** U_0/U 300/300 V
- Max. permissible **operating voltage** in three-phase and one-phase a.c. system U_0/U 330/330 V in direct current system U_0/U 495/495 V
- **Test voltage** 2000 V
- **Breakdown voltage**
min. 4000 V
- **Insulation resistance**
min. 20 MΩm x km
- **Minimum bending radius**
flexing 7,5x cable \varnothing
- **Radiation resistance**
up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5 and HD 383
- PVC core insulation TI2 to DIN VDE 0281 part 1
- Cores colour coded to DIN VDE 0293-308 6 and more cores number coded 1x green-yellow earth core incl.
- Green-yellow earth-core, 3 cores and above
- Cores stranded in layers with optimal lay-length
- PVC outer jacket in black, white or as per requirement
- PVC outer jacket TM2 to DIN VDE 0281 part 1

Properties

- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow earth core; x = without green-yellow earth core.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- 5 core and above in adaption (H).
- The above list contains a selection of the types we carry es stock. Other sizes available on request.

Application

These cable types are especially suited to use on small appliances with low mechanical stress and for connection for light household appliances, e.g. kitchen utensils, desk lamps, floor lamps, vacuum cleaners, office machines, radios, etc., as far as this cable is admitted to the relevant specifications of the equipment.

These cables are not permitted to use with cooking or heating apparatus.

Cables with cross-section 0,75 mm² are not suitable for outdoor use or use of industrial or farmer machineries.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm ²	Jacket colour	Outer \varnothing min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
29736	2 x 0,5	black	4,6 - 5,9	9,6	40,0	20
29737	2 x 0,5	white	4,6 - 5,9	9,6	40,0	20
29738	2 x 0,5	other colours	4,6 - 5,9	9,6	40,0	20
29739	3 G 0,5	black	5,0 - 6,4	14,4	49,0	20
29740	3 G 0,5	white	5,0 - 6,4	14,4	49,0	20
29741	3 G 0,5	other colours	5,0 - 6,4	14,4	49,0	20
29742	4 G 0,5	black	5,4 - 7,0	19,2	61,0	20
29743	4 G 0,5	white	5,4 - 7,0	19,2	61,0	20
29744	4 G 0,5	other colours	5,4 - 7,0	19,2	61,0	20
29400	2 x 0,75	black	4,9 - 6,3	14,4	49,0	18
29401	2 x 0,75	white	4,9 - 6,3	14,4	49,0	18
29402	2 x 0,75	other colours	4,9 - 6,3	14,4	49,0	18
29403	3 G 0,75	black	5,2 - 6,7	21,6	59,0	18
29404	3 G 0,75	white	5,2 - 6,7	21,6	59,0	18
29405	3 G 0,75	other colours	5,2 - 6,7	21,6	59,0	18

Part no.	No. cores x cross-sec. mm ²	Jacket colour	Outer \varnothing min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
29406	4 G 0,75	black	5,7 - 7,3	29,0	72,0	18
29407	4 G 0,75	white	5,7 - 7,3	29,0	72,0	18
29408	4 G 0,75	other colours	5,7 - 7,3	29,0	72,0	18
29409	5 G 0,75	black	6,4 - 8,2	36,0	87,0	18
29410	5 G 0,75	white	6,4 - 8,2	36,0	87,0	18
29411	5 G 0,75	other colours	6,4 - 8,2	36,0	87,0	18
29412	6 G 0,75	black	7,1 - 9,0	43,0	98,0	18
29413	6 G 0,75	white	7,1 - 9,0	43,0	98,0	18
29414	6 G 0,75	other colours	7,1 - 9,0	43,0	98,0	18
29415	7 G 0,75	black	7,1 - 9,0	50,0	108,0	18
29416	7 G 0,75	white	7,1 - 9,0	50,0	108,0	18
29417	7 G 0,75	other colours	7,1 - 9,0	50,0	108,0	18

Dimensions and specifications may be changed without prior notice. (RA01)