



Technical data

- PVC control cable to
DIN VDE 0285-525-2-11/
DIN EN 50525-2-11, IEC 60227-5 and
UL-Std. 758 AWM-Style 20195
- **Temperature range**
HAR
flexing -5°C to +70°C
fixed installation -40°C to +70°C
UL
flexing -5°C to +75°C
fixed installation -40°C to +75°C
- **Nominal voltage**
HAR U₀/U 300/500 V
UL U₀/U 300/500 V
- **Test voltage** 2500 V
- **Breakdown voltage** min. 5000 V
- **Insulation resistance**
min. 20 MOhm x km
- **Minimum bending radius**
7,5x cable Ø
- **Radiation resistance**
up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper, fine wire to
DIN VDE 0295 cl.5, BS 6360 cl.5,
IEC 60228 cl.5 acc. to UL-Std.62
- Core insulation of special PVC
compound type TI2 to
DIN VDE 0207-363-3 / DIN EN 50363-3
- Core identification to DIN VDE 0293-308,
one coloured
- Core stranded in layers with optimal
lay-length
- GN-YE conductor, 3 cores and above
- Outer sheath of special PVC
compound type TM2 to
DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour by request

Properties

- PVC self-extinguishing and flame retardant
acc. 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 conductor
x = without green-yellow conductor
- AWG sizes are approximate equivalent
values. The actual cross-section is in mm².
- Please complete the part number for
these cables by adding the suffix for
the colour required as per the list:
0 = approx.RAL 9005 black
1 = approx.RAL 9003 white
2 = approx.RAL 5015 blue
3 = approx.RAL 6018 green
4 = approx.RAL 8003 brown
5 = approx.RAL 1021 yellow
6 = approx.RAL 3000 red
7 = approx.RAL 2003 orange
8 = approx.RAL 4005 violet
9 = approx.RAL 7001/7032 grey
Further colours on request.

Application

These flexible PVC control cables, VDE-HAR-AWM approved, are designed for the export and also for the export-orientated-equipment. These cables are especially suited to use for the appliance with medium mechanical stresses with free movement without tensile stress in households, kitchens and offices, also for household appliances in damp and wet areas, e. g. refrigerators, washing machines, spin-driver etc. , as far as this cable is admitted to the relevant specifications of the equipment. These cables are suited to be used for cooking and heating apparatus under the condition that cable does not come in direct contact with hot parts of the apparatus and no other influences or heat. The cables are suitable for fixed installation in furnitures, partition walls, decoration covering and in hollow spaces of prefabricated building parts. They are not suitable for use in open air, in industries (also permitted to tailor workshops and of that kind) and in agriculture plants and for connecting commercial electrical tools.

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

Part no.	No.cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
3269x	2 x 0,75	18	6,4	14,4	50,0
3270x	3 G 0,75	18	6,8	21,6	60,0
3271x	4 G 0,75	18	7,4	29,0	73,0
3272x	5 G 0,75	18	8,3	36,0	88,0
3273x	2 x 1	17	7,3	19,0	57,0
3274x	3 G 1	17	7,8	29,0	73,0
3275x	4 G 1	17	8,6	38,0	85,0
3276x	5 G 1	17	9,4	48,0	105,0
3277x	2 x 1,5	15	7,9	29,0	82,0
3278x	3 G 1,5	15	8,4	43,0	95,0

Part no.	No.cores x cross-sec. mm ²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
3279x	4 G 1,5	15	9,3	58,0	117,0
3280x	5 G 1,5	15	10,4	72,0	144,0
3281x	3 G 2,5	13	10,0	72,0	152,0
3282x	4 G 2,5	13	10,9	96,0	192,0
3283x	5 G 2,5	13	12,2	120,0	243,0

Dimensions and specifications may be changed without prior notice. (RN01)