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TI 20

PVC TI 20 INSULATED TELEPHONE WIRE

Standard:

Nominal voltage:

Temperature range - fixed laying:

Temperature range - flexible application:

Cable Structure:

Application:

Packing:

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x0,5	0,4		2,6	3,6	7,2
2x0,6	0,4		2,8	5,2	9,1
2x0,8	0,4		3,2	9,2	14



J-Y(St)Y

PVC INSULATED & PVC SHEATED TELEPHONE INSTALLATION CABLE

Standard: DIN VDE 0815

Nominal voltage: +50°C

Temperature range - fixed laying: +50°C

Temperature range - flexible application:

Cable Structure: Bare copper conductor, with a diameter 0,6 and 0,8 mm PVC insulation, wall thickness 0,2 i.e 0,4 mm. Each two wires twisted to a pair pairs stranded to cable core core wraping additional copper wire with a diameter of 0,4 or 0,6 mm. One layer of plastic-backed metal tape, PVC sheath, grey.

Application: The installation cables are used for telephone and signal transmision and are suitable for permanent running over and under plaster in dry and damp rooms.

Packing:

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
1x2x0,6	0,2	1	5	5	29
2x2x0,6	0,2	1	5,5	10	38
3x2x0,6	0,2	1	6,3	16	50
4x2x0,6	0,2	1	6,8	21	58
12x2x0,6	0,2	1	9,5	61	130
30x2x0,6	0,2	1	13	172	275
1x2x0,8	0,4	1	6	9	42
2x2x0,8	0,4	1	7	18	56
3x2x0,8	0,4	1	8,3	27	82
4x2x0,8	0,4	1	9	36	99
5x2x0,8	0,4	1	9,5	46	118
5x2x0,8	0,4	1	9,5	46	118

6x2x0,8	0,4	1,2	12	55	173
8x2x0,8	0,4	1,2	13	73	195
10x2x0,8	0,4	1,2	13	91	215
12x2x0,8	0,4	1,2	14	109	253
15x2x0,8	0,4	1,2	14,7	136	301
30x2x0,8	0,4	1,2	20	304	540

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J-H(St)H

FLAME RETARDANT, HALOGEN-FREE
TELECOMMUNICATION INSTALLATION CABLE

Standard: DIN VDE 0815
Nominal voltage: 300 V
Temperature range - fixed laying: -30°C to +70°C
Temperature range - flexible application: -5°C to +50°C
Cable Structure: Adapted to DIN VDE 0815 Bare copper conductor, solid, 0,6 and 0,8 mm. Conductor insulation of halogen-free compound type HI2, to DIN VDE 0207 part 23. Insulation wall thickness 0,3 or 0,4 mm. Conductors twisted in pairs and the pairs are stranded to cable core unit. Conductor wrapping with plastic tape. Drain wire solid. Electrostatic shield (St) of plastic coated aluminum foil and drain wire. Halogen-free outer jacket type HM2 to DIN VDE 0207 part 24.
Application: The halogen-free installation cables with improved characteristics in the case of fire are used for the telephone transmission, measurement and control technology. The static shield protects the transmission circuits against outer electrical interferences. A fire propagation is prevented through high oxygen index of the insulation material and produce no corrosive gases in case of fire. Those cables are preferably used for telecommunication indoor installations and in special cases the outdoor installation is permitted under protection against sunlight. These cables are suitable for fixed installation in areas with danger of fire, in dry and damp environments as well as on, in and under plaster.
Packing: On drums and coils.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
1x2x0,6	0,2	1	5	5	29
2x2x0,6	0,2	1	5,5	10	38



H05V-K

PVC INSULATED FINE WIRE INSTALLATION CABLE

Standard: DIN VDE 0281 Teil 3

Nominal voltage: 450/750 V

Temperature range - fixed laying: +70°C

Temperature range - flexible application:

Cable Structure: conductor: soft annealed, stranded copper wire. izolation: extruded PVC.

Application: For permanent wiring in dry locations, where particular flexibility is required, for laying in tubes,over or under mortar, as well as on insulators.

Packing: Packing in coils or drums.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
0,5	0,6		2,2	4,5	9
0,75	0,6		2,4	7	12
1	0,6		2,6	9	14
1,5	0,7		2,9	12,5	20
2,5	0,8		3,6	20,5	32
4	0,8		4,1	35	47
6	0,8		5,1	49	65
10	1		6,8	83	111
16	1		7,7	134	166
25	1,2		8,5	203	246
35	1,2		9,7	292	342
50	1,4		13,2	424	504

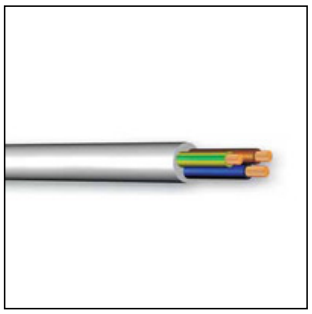


H03VH-H

PVC- insulated flexibile paralelly conductor.

Standard: DIN VDE 0281 Teil 5
Nominal voltage: 300/300 V
Temperature range - fixed laying: -40 °C to +70 °C
Temperature range - flexible application: -5 °C to +70 °C
Cable Structure: PVC - insulated flexibile paralelly conductor composed of two flat webbed conductors insulated with a layer of PVC compound.
Conductor is composed of flexible copper wire cord, class 5.
Application: For household appliances e.g. desk lamps, wireles sets, ventilators, under medium mechanical stresses, also in damp and wet spaces.
Packing: On coils.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x0.5	0,8		5	9	23
2x0.75	0,8		5,3	12	27

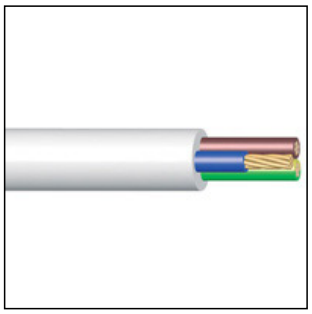


H03VV-F

LIGHT PVC INSULATED & PVC SHEATHED FLEXIBLE CABLE

Standard: DIN VDE 0281 Teil 5
Nominal voltage: 300/300 V
Temperature range - fixed laying: +70°C
Temperature range - flexible application:
Cable Structure: conductor: soft annealed, solid or stranded copper wire. izolation: extruded PVC, stranding: the cores are laid-up together sheath: a seamless tube of PVC extruded over the cores.
Application: For connecting small, portable electric appliances working under lighter conditions, such as portable lamps, fans, refrigerators and other household appliances, where the cord cannot be in touch with surfaces heated to a temperature higher than 85°C.
Packing: Packing in coils.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x0,5	0,5	0,6	5	9	41
2x0,75	0,5	0,6	5,4	13	49
2x1	0,5	0,6	6	17	58
3x0,5	0,5	0,6	5,3	14	43
3x0,75	0,5	0,6	6	19	53
3x1	0,5	0,6	6	26	65
4x0,5	0,5	0,6	5,8	18	43
4x0,75	0,5	0,6	6,2	25	54
4x1	0,5	0,6	6,6	35	68



HO5VV-F

INSULATED PVC SHEATED ARMOURED CABLE

Standard: DIN VDE 0281 Teil 5

Nominal voltage: 300/500 V

Temperature range - fixed laying: +70°C

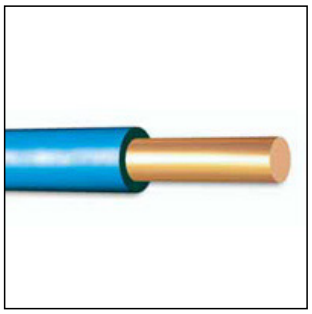
Temperature range - flexible application:

Cable Structure: conductor: soft annealed, solid or stranded copper wire. izolation: extruded PVC stranding: the cores are laid-up together sheath: a seamless tube of PVC extruded over the cores.

Application: For connecting portable electric appliances working under harder conditions, such as washing machines, vacuum cleaners, and thermic appliances where the cord cannot be in touch with surfaces heated to a temperature higher than 85°C

Packing: Packing in coils.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x1,5	0,7	0,8	7,5	24	87
3x1	0,6	0,8	7	26	79
3x1,5	0,7	0,9	8,3	36	109
3x2,5	0,8	1,1	10	63	169
4x1,5	0,7	1	9,3	49	136
4x2,5	0,8	1,1	11	84	206
4x4	0,8	1,3	10	141	223
5x0,75	0,6	0,9	8	33	102
5x1,5	0,7	1,1	10	61	166
5x2,5	0,8	1,2	12	105	250
5x4	0,8	1,2	11	176	272
5x6	0,8	0,9	14	272	403
7x1,5	0,7	1,1	9	85	155



HO5V-U

PVC INSULATED INSTALLATION CABLE

Standard: DIN VDE 0281 Teil 3

Nominal voltage: 450/750 V

Temperature range - fixed laying: -20°C do +70°C

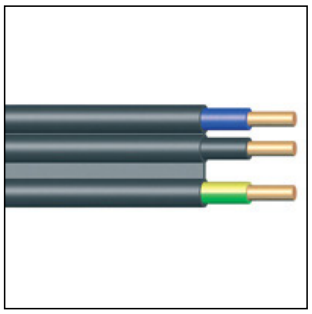
Temperature range - flexible application:

Cable Structure: Conductor: soft anneled, solid or stranded copper wire, Insulation : extruded PVC.

Application: For permanent wiring in dry locations, for laying in tubes,over or under mortar, as well as on insulators.

Packing: Packing: incoils with 50 and 100 m lengths

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
1,5	0,6		2,78	12,18	19
2,5	0,7		3,38	20,68	30
4	0,8		3,86	33,83	46
6	0,8		4,36	50,96	65
10	1		5,57	85,63	107
P/T 0,75	0,6		2,17	6,58	11,17



NYIFY

PVC INSULATED & PVC SHEATHED INSTALLATION CABLE

Standard: DIN VDE 0250

Nominal voltage: 230/400 V

Temperature range - fixed laying: +70 °C

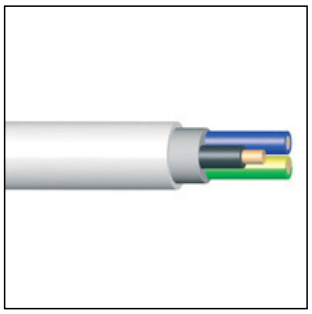
Temperature range - flexible application:

Cable Structure: conductor: soft annealed, solid copper wire. izolation: extruded PVC, sheath: common PVC sheath extruded over parallel cores.

Application: For permanent wiring in dry locations, for laying over or under mortar, without a special mechanical protection.

Packing: Packing in coils.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x1,5	0,6	0,6	8,4	24	57
3x1,5	0,6	0,6	12,3	37	86
3x2,5	0,7	0,7	14,7	62	133



NYM

PVC INSULATED & PVC SHEATHED INSTALLATION CABLE

Standard: DIN VDE 0250 Teil 204

Nominal voltage: 300/500 V

Temperature range - fixed laying: +70°C

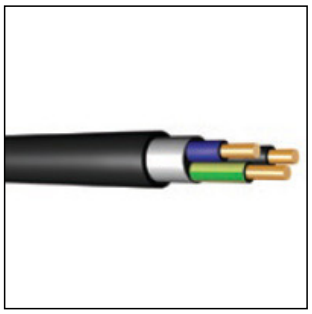
Temperature range - flexible application:

Cable Structure: Conductor: soft anneled, solid or stranded copper wire. Insulation : extruded PVC. Stranding: the cores are laid-up together and the interstices filled with unvulcanised rubber, sheath: a seamless tube of PVC extruded over the cores.

Application: For permanent wiring in dry locations, for laying over or under mortar.

Packing: Packing in coils or drums.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x1,5	0,7	1,2	8,4	25	83
3x1,5	0,7	1,2	8,8	37	104
3x2,5	0,8	1,2	10	62	158
4x1,5	0,7	1,2	9,6	50	131
4x2,5	0,8	1,2	11	83	193
4x4	0,8	1,4	12	140	214
4x6	0,8	1,4	14	211	300
4x10	1	1,4	16,5	363	670
5x1,5	0,7	1,2	10	62	160
5x2,5	0,8	1,2	11,5	103	235
5x4	0,8	1,4	13,5	176	263
5x6	0,8	1,4	15	271	368
5x10	1	1,4	18	437	604



NYY

PVC INSULATED & PVC SHEATHED POWER CABLE

Standard: DIN VDE 0276 Teil 603

Nominal voltage: 0,6/1 kV

Temperature range - fixed laying: +70°C

Temperature range - flexible application:

Cable Structure: conductor: soft annealed, solid or stranded copper wire. izolation: extruded PVC stranding: the cores are laid-up together and the interstices filled with unvulcanised rubber sheath: a seamless tube of PVC extruded over the cores.

Application: For permanent wiring in dry locations, for laying over or under mortar.

Packing: in 500 and 1.000 m lenght on wooden drums.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x1,5	0,8	1,8	10,2	26	163
3x1,5	0,8	1,8	10,7	40	184
3x2,5	0,8	1,8	12	64	241
4x1,5	0,8	1,8	11,5	53	214
4x2,5	0,8	1,8	13	85	284
4x4	1,0	1,8	14,6	141	389
4x6	1,0	1,8	15,7	211	493
4x10	1,0	1,8	18	350	687
5x1,5	0,8	1,8	12,3	66	251
5x2,5	0,9	1,8	14	107	337
5x4	1,0	1,8	15,8	176	465
5x6	1,0	1,8	17	264	594
5x10	1,0	1,8	20,0	480	838



LiYCY

SCREENED, FLEXIBLE, CONTROL AND INSTRUMENTAL CABLE

Standard: DIN VDE 0812

Nominal voltage: max. 250 V

Temperature range - fixed laying: - 20˚C to + 80˚C

Temperature range - flexible application:

Cable Structure: conductor: Bare or tin-plated wire strands izolation: extruded PVC, stranding: the cores are laid-up together and the interstices separator: polyester tape screening: tin-plated copper wire braid sheath: a seamless tube of PVC extruded over the cores.

Application: They are intended for control impulse and data transmision in electronics, computer technics, control, measuring and regulation technics.

Packing: Packing on drums with 500 and 1000 m lengths.

Number and nominal cross-section of conductors	Thickness of insulation	Thickness of sheath	Overall diameter	Net weight of copper	Weight
2x0,75	0,4	0,6	5,8	13,3	54,5
3x0,75	0,4	0,6	6,6	19,4	64
4x0,75	0,4	0,8	7	26	82
5x0,75	0,4	0,8	7,5	33	96
2x1,0	0,4	0,6	6,1	17,7	62
3x1,0	0,4	0,6	6,5	26	74
4x1,0	0,4	0,8	7,4	35	96
5x1,0	0,4	1,0	8,4	44,4	121
3x1,5	0,5	0,8	7,7	39	106
3x2,5	0,5	1,0	9,0	64,7	153,5