

PVC FLAT-CY

Flat cable of PVC, screened

1

**Technical Data:**

- **Conductor material** Copper bare
- **Conductor class** Class 5
- **Core insulation** PVC
- **Core identification** Up to 5 cores colour coded in accordance to VDE 0293. 6 cores and more black with printed consecutive number coding
- **Stranding** Cores side by side
- **Outer sheath** PVC
- **Sheath colour** Black
- **Rated voltage [V]** 300 / 500
- **Testing voltage [V]** 1200
- **Current carrying capacity** DIN VDE (s. technical guidelines)

- **Min. bending radius fixed [xd]** 10xd
- **Min. bending radius moved [xd]** 10xd
- **Working temp fixed min/max [C]** -40°C up to +70°C
- **Working temp moved min/max [C]** -5°C up to +70°C
- **Temp at conductor max.** +70 ° C
- **Burning behaviour** EC 60332-1: flame- retardant and self- extinguishing

Construction:

- fine bare copper conductors
- strand structure according to VDE 0295. class 5
- PVC insulation
- Core marking: up to 5 cores colour coded in accordance to VDE 0293
- 7 cores and over black with printed consecutive number coding
- earth conductor green/yellow
- copper wire braid
- PVC outer sheath. black
- suitable in low temperatures

Application:

Can be used in dry, damp and wet rooms. Due to the screening of single cores of bundies this cable is suitable for EMC-critical use.

Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100	Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100
673040150	4 G 1.50	6.5 x 19.6	11.30	21.00	673043500	4 G 35	16.5 x 59.0	177.60	247.80
673040250	4 G 2.50	7.4 x 22.0	16.80	27.00	672050050	5 G 0.50	5.0 x 22.0	6.00	13.00
673040400	4 G 4	9.4 x 28.1	22.00	40.00	67307010 0B	7 x 3 G 1	10.4 x 54.3	27.50	75.50
673040600	4 G 6	9.8 x 31.2	32.50	52.00	67307005 0B	7 x 4x0.5	10.3 x 50.0	22.20	74.50
673041000	4 G 10	11.8 x 37.5	52.10	84.00	673080150	8 G 1.50	6.5 x 37.0	21.70	40.00
673041600	4 G 16	14.0 x 46.0	78.40	128.00	673080150	8 G 1.50	6.5 x 37.0	21.70	40.00
673042500	4 G 25	15.0 x 51.0	116.30	180.00	673120150	12 G 1.50	6.5 x 52.7	33.50	61.00