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# FLEXICS® DUO

PVC/PVC battery charging cable

SPECIAL CABLES

Connecting cable between charger and accumulators of battery, e.g. fork lifts, field conveyors etc. Suitable also for outdoor applications as well as in dry, damp and wet rooms.



## TECHNICAL DATA



### Standard

Based on DIN VDE 0250



### Test Voltage

3000 V / 50 Hz



### Rated Voltage

300/500 V (U<sub>o</sub>/U)



### Bending radius (min.)

Fixed installation: 6 x  $\varnothing$  of cable  
Flexible use: 10 x  $\varnothing$  of cable



### Fire properties

EN 60332-1-2: self-extinguishing and flame retardant



### Core identification

Black and red



### Temperature range

Operating temperature: -25°C up to 70°C

## DESIGN



- 1 Bare copper conductors, super fine wires class 6 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 Outer sheath of special compound based on polyvinyl chloride (PVC), colour: transparent

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer dimensions width x height (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
2 x 4	13 x 6	76.8	120
2 x 6	14 x 6.5	115.2	160
2 x 10	17 x 8	192	260
2 x 16	20.9 x 10	307.2	385
2 x 25	25.6 x 12.4	480	580
2 x 35	26.5 x 12.5	672	788
2 x 50	30 x 14.5	960	1092
2 x 70	35.1 x 16.8	1344	1515

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