

PVC 2x4mm², YCYS, 1 kV, 2 x 4,0 mm² shieldet, flame retardant, reinforced High voltage cable for connection of uv lamps

This shielded 2-pole high voltage cable is used for the connection of uv lamps. It is recommended for connection between electronic power supplies (EPS) and uv lamps for keeping the EMC rules.



The flame-retardant design makes it particularly suitable for use on ships. The cable is additionally reinforced.

Technical data	
Art. No.	022 52203 0000
Conductor	Cu, tin plated, single core \varnothing 0.3 mm, acc. to DIN EN 60228, class 5
Dielectric strength	1,000 V (RMS)
Insulation test voltage	conductor/conductor: 5,000 V conductor/shield: 3,000 V breakdown voltage: 10 kV
Resistance of a single conductor	max. 4.95 Ω /km
Cross section	2 x 4.0 mm ² , twisted
Conductor construction	shield: Braid of tinned copper wire \varnothing 0,2 mm each opt. coverage approx. 85%
Insulation	outside: PVC acc. to DIN EN 50363-4-1, oil resistant acc. to DIN EN 60811-404, flame retardant acc. to DIN EN 60332-1-3, yellow, RAL 1021 inner sheath: PVC acc. to DIN EN 50363-4-1, grey, RAL 7001 inner conductors: Polyethylen acc. to DIN EN 50363-7, 2x red
Color	Yellow, RAL 1021
Outer diameter	15 \pm 0,5 mm
Bending radius	15x cable diameter (moving) 8x cable diameter (fixed) This cable is not suitable for drag chains.
Leakage resistance	min. 100 M Ω / km
Capacity	conductor / conductor: 55 nF / km \pm 10% conductor/shield: 105 nF/km \pm 10%
Temperature stability	moving -5° to +70° C fixed -30° to +70° C
Ozone and uv-stability	no stability, medium-term an embrittlement of the insulation and a corrosion of the wires are expected. If inserted e.g. into a lamp head, where ozone or UV radiation could occur, the insulation must be covered by suitable means, e.g. silicone covered glass fiber tubes.
RoHS conform	yes
Delivery	cut on request \geq 5 m in 100 m rings from 1.000 m on cable drum on request
Delivery time	usually from stock 1,000 m cable drums on request