TA 835 Y (TR)

FEP/PVC lamp cable



Application: Our lamp cable is used in the lamp and light industry for the connection of halogen lamps and lighting or rather downlights. This cable is because of design reasons equipped with a transparent PVC outer sheath. The cores have a FEP insulation which is very temperature resistant and which is made to withstand the extremely high temperature of the halogen lights of up to +180 °C.

Construction:

Conductor:	tinned copper strands, fine wires
Insulation:	FEP, transparent, with coloured separating threads acc. to VDE 0293-308
Stranding:	in layers
Sheath material:	PVC
Sheath colour:	transparent
optional:	steel rope connected parallel with bridge - can be separated from each other

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	core/core 2500 V
Min. bending radius *fixed laying:* *flexible application:*	 5 x d 10 x d
Temperature range *fixed laying:* *flexible application:*	 -40/+70 °C +5/+70 °C
Min. tensile strength of the steel rope (optional):	0,86 kN
Absence of harmful substances:	acc. to RoHS directive of the European Union

Outstanding features:

- **transparent**
- **flexible**
- **optional steel rope**
  for separate load reception for suspended lamps

without steel rope

item no.	no. of cores x cross section n x mm²	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
38350307	3 x 0,75	5,2	21,6	46
38350507	5 x 0,75	6,1	36,0	70
38350315	3 x 1,50	5,9	43,2	71

Other dimensions and colours are possible on request.

with steel rope

item no.	no. of cores x cross section n x mm²	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
38359005	3 x 0,75	5,1 x 8,7	21,6	53

Other dimensions and colours are possible on request.