

## Ausgleichsleitungen und wärmebeständige Leitungen / Compensating cables and heatresistant SIHF/PVC rund

Flexible multicore heat resistant cable silicone rubber insulated, pvc sheathed.  
Flexible multicore heat resistant cable silicone rubber insulated, pvc sheathed.



### Verwendung:

[INDEX:20201001SQ]

### Aufbau:

- Flexible copper class 5 CEI EN 60228
- Silicone rubber
- PVC TM3
- Max temp. of short circuit: 350 °C on the conductor 3G1,5
- average insulation thickness: 0,6mm
- nominal Core diameter: 3,4 +/-0,1mm
- nominal conductor construction: 30x0,25mm
- average sheath thickness: 0,9mm
- max. conductor resisatance at 20°C: 13,7 Ohm/km

### Application:

[INDEX:20201001SQ]

### Construction:

- Colours code: CEI UNEL 00722 / HD 308
- Flexible copper class 5 CEI EN 60228
- Silicone rubber
- PVC
- Max temp. of short circuit: 350 °C on the conductor 3G1,5
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- max. conductor resisatance at 20°C: 13,7 Ohm/km

## Technische Daten:

Leiter Werkstoff	Kupfer verzinkt
Leiterklasse	Klasse 5
Aderisolationwerkstoff	Silicone rubber
Aderkennung	blau, braun, grün/gelb
Verseilung	
Außenmantelwerkstoff	PVC TM3
Mantelfarbe	schwarz
Nennspannung [V]	300/500V
Prüfspannung [V]	2000V
Leiterwiderstand	13,7 ohm/km at 20°C
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	3 x d
kleinster Biegeradius bewegt [xd]	4 x d
Betriebstemp. fest min/max [C]	
Betriebstemp. bew. min/mac [C]	-30°C bis +90 on the conductor
Temperatur am Leiter max.	
Brandverhalten	
Normen	

## Technical Data:

Conductor Material	tin plated copper
Conductor class	Class 5
core insulation	Silicone rubber
core identification	blue, brown, green/yellow
stranding	
outer sheath	PVC TM3
sheath colour	black
rated voltage [V]	300/500V
testing voltage [V]	2000V
conductor resistance	13,7 ohm/km at 20°C
insulation resistance	
current carrying capacity	
min. bending radius fixed [xd]	3 x d
min. bending radius moved [xd]	4 x d
working temp fixed min/max [C]	
working temp moved min/mac [C]	-30°C up to +90 on the conductor
temp at conductor max.	
burning behaviour	
Approvals	

**Kabel / Cable**

Art Nr. Part No.	Aderm x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
LP44030150	3 x 1.50	7,9 +/-0,2mm	4.32	9.80

**Kontakt:**