

RS 252-8421



No of Cores	Largest single wire	Outer O/D	Copper Figure	Cable Weight
18 x 1mm	0.16mm	13.7mm	172.8 kg/km	316 kg/km

- **Construction:**
- **Conductor:** bare copper strands acc. to DIN VDE 0295
- class 6 + IEC 60228 class 6
- + HD 383 class 6
- **Insulation:** PVC TI2 acc. to DIN VDE 0281 part 1
- + HD 21.1
- **Colour code:** black cores with consecutive numbers
- acc. to DIN VDE 0293 + HD 21.1;
- green-yellow earth wire from 3 cores
- **Stranding:** specially adjusted layering with
- non-woven tape over the outer layer
- **Sheath material:** PVC TM2 acc. to DIN VDE 0281 part 1
- + HD 21.1, reinforced wall thickness
- **Sheath colour:** grey (RAL 7000)
- **Technical data:**
- **Nominal voltage:** U₀/U 300/500 V
- **Testing voltage U:** 3000 V acc. to DIN VDE 0281 part 2 + HD 21.2
- **Min. bending radius**
- *continuously flexible:* 7.5 x d
- **Radiation resistance:** 8 x 10⁷ cJ/kg
- **Temperature range**
- *fixed laying:* -40/+70 °C
- *flexible application:* +5/+70 °C
- **Fire performance:** flame retardant and self-extinguishing acc. to
- IEC 60332-1 + EN 50265-2-1 + VDE 0482
- part 265-2-1
- **Oil resistance:** acc. to our internal standard see page M/14
- **Chem. resistance:** see page M/9
- **Flexibility:** very good



Chain Cable S68