

# Heavy Duty 4 Wire Trailer Wire



## Construction

**Conductor:** Stranded Copper

**Insulation:** PVC

**Standard Color Code:**

**Yellow:** Left Turn Indicator

**Green:** Right Turn Indicator

**Brown:** Tail / Marker Lights

**White:** Earth / Ground Return

**Sheath:** PVC /Color: Black

## Applications

Specifically engineered for the interconnection of electrical systems between towing vehicles and trailers. Typical applications include wiring for utility trailers, boat trailers, horse floats, caravans, and camper trailers. The rugged sheath protects the inner cores from road debris, salt spray, moisture, and UV exposure. Suitable for connecting 4-pin flat or round plugs/sockets to control turn signals, tail lights, and brake lights.

## Standards

**Material Compliance:** RoHS 3 & REACH Compliant.

**Industry Standard:** Manufactured generally to SAE J1128 (US) or ISO 6722 (Global Automotive).

**Resistance:** Resistant to oil, grease, acid, gasoline, and abrasion.



## Specification

Test Voltage	2KV/5Min
Temperature Range	-10 to 90°C
Permissible short circuit temperature at the conductor	+160°C (Short circuit duration max. 5 s)
Minimum bending radius	6x

## Technical Data

Nominal Size (mm <sup>2</sup> )	Approx. AWG	Conductor Stranding (No./mm)	Insulation Thickness (mm)	Sheath Thickness (mm)	Nominal O.D. (mm)	Amp Rating @ 30°C*	Max Resistance ( / km)
4 x 0.75 mm <sup>2</sup>	18 AWG	24/0.20	0.4	0.8	6.8 mm	10 A	26
4 x 1.0 mm <sup>2</sup>	17 AWG	32/0.20	0.45	0.8	7.4 mm	15 A	19.5
4 x 1.5 mm <sup>2</sup>	16 AWG	30/0.25	0.45	0.9	8.2 mm	20 A	13.3
4 x 2.0 mm <sup>2</sup>	14 AWG	26/0.30	0.5	1	9.3 mm	25 A	9.4
4 x 4.0 mm <sup>2</sup>	12 AWG	56/0.30	0.6	1.1	11.5 mm	35 A	4.95