

7 Way Trailer Wire



Construction

Conductor: Stranded Copper

Insulation: PVC/ Insulation Color: Green, Yellow, Brown, Blue, Black, White, Red

Sheath: PVC/ Color: Black

Applications

Designed for connecting the electrical systems of towing vehicles to trailers, caravans, horse floats, and boat trailers. This 7-core cable enables the transmission of signals for Left/Right Indicators, Brake Lights, Tail Lights, Reverse Lights, Electric Brakes, and Earth return. The tough outer sheath provides excellent protection against road debris, abrasion, UV radiation, and moisture.

Standards

Standards: ISO 6722, SAE J1128, AS/NZ 3808:2000.

Environmental: RoHS & REACH Compliant.

Resistance: Oil, Grease, Acid, and Ozone Resistant.



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

Type A: Standard Duty (7 x Equal Cores)

Nominal Size (AWG / mm ²)	Nominal Area (mm ²)	Construction (No./mm ±0.01)	Sheath Thickness (mm)	Approx. O.D. (mm)	Max. Resistance @ 20°C (/km)	Current Rating @ 30°C (Amps)*
18 AWG	0.82	24/0.20	0.8	8.5	21.8	7.5 A
16 AWG	1.31	30/0.25	0.9	10.5	13.7	13.0 A
14 AWG	2.08	41/0.25	1	11.8	8.62	20.0 A
12 AWG	3.31	65/0.25	1.1	13.5	5.43	28.0 A
10 AWG	5.26	105/0.25	1.2	16.2	3.41	40.0 A

Type B: Heavy Duty (5 Small + 2 Large Cores)

Configuration Name	Core Function	Size (AWG)	Nominal Area (mm ²)	Construction (No./mm)	Amp Rating (Amps)	Approx. O.D. (mm)
Standard Mixed	Signal (x5)	16 AWG	1.13	16/0.30	14 A	11.2
	Power (x2)	12 AWG	3	41/0.30	30 A	
Heavy Mixed (RV)	Signal (x5)	14 AWG	2.08	41/0.25	20 A	13.8
	Power (x2)	10 AWG	5.26	105/0.25	45 A	
Super Heavy	Signal (x5)	12 AWG	3.31	65/0.25	28 A	16.5
	Power (x2)	8 AWG	7.9	118/0.30	60 A	