

TWP Cable



Eland Product Group: A2A

APPLICATION

The TWP cable is a thin wall PVC insulated single-core wire used in automotive applications where small diameter and minimal weight is required.

CHARACTERISTICS

Temperature Rating

-40°C to +80°C

CONSTRUCTION

Conductor

Soft-annealed copper

Insulation

PVC (Polyvinyl chloride)

Sheath Colour

● Red
 ● Black
 ● Blue
 ● Yellow
 ● Grey
 ● Brown
 ○ White
 ● Violet
 ● Green
 ● Natural
 ● Light Blue

STANDARDS

ASTM B3, SAE J1128

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.



DIMENSIONS

| ELAND PART NO. | NUMBER OF CORES | AWG SIZE | NOMINAL NO. AND WIRES DIAMETER No/mm | MAXIMUM CONDUCTOR DIAMETER mm | NOMINAL THICKNESS INSULATION mm | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-------------------|-----------------|----------|--------------------------------------|-------------------------------|---------------------------------|-----------------------------|----------------------|
| A2AT06222AWG** | 1 | 22 | 7/0.25 | 0.76 | 0.40 | 1.70 | 6 |
| A2AT06220AWG** | 1 | 20 | 7/0.32 | 0.97 | 0.40 | 1.90 | 8 |
| A2AT06218/16AWG** | 1 | 18 | 16/0.25 | 1.17 | 0.40 | 2.20 | 11 |
| A2AT06218/19AWG** | 1 | 18 | 19/0.23 | 1.17 | 0.40 | 2.20 | 11 |
| A2AT06216AWG** | 1 | 16 | 19/0.28 | 1.45 | 0.40 | 2.40 | 15 |
| A2AT06214AWG** | 1 | 14 | 19/0.36 | 1.80 | 0.40 | 2.70 | 22 |
| A2AT06212AWG** | 1 | 12 | 19/0.45 | 2.29 | 0.46 | 3.30 | 34 |
| A2AT06210AWG** | 1 | 10 | 19/0.57 | 2.87 | 0.50 | 4.00 | 53 |
| A2AT06208AWG** | 1 | 8 | 49/0.46 | 4.06 | 0.55 | 4.90 | 85 |



| COLOUR | Red | Black | Blue | Yellow | Grey | Brown | White | Violet | Green | Natural | Light Blue | | | |
|--------|-----|-------|------|--------|------|-------|-------|--------|-------|---------|------------|--|--|--|
| CODE | RD | BK | BL | YW | GR | BR | WH | VI | GN | NT | LB | | | |

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.