

PTFE Insulated Equipment Wire Single-Core



Application

For use in areas where thermal, electrical or environmental conditions are very demanding.

- Power Generation
- Avionics and general electronics

PTFE is unaffected by oils, lubricants, hydraulic fluids or aircraft fuels.

Specifications

- In accordance with BS3G210
- **Conductors:** Silver plated copper conductors (Nickel plated also available*)
- **Insulation:** PTFE insulation
- **Temperature Rating:** 190°C maximum conductor operating temperature

- **Voltage Rating:**

Type 'A' 300 V

Type 'B' 600 V

Type 'C' 1000 V

* When using nickel plated conductors; suitable for use at 260°C max conductor operating temperature.

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| Anixter Number | Size | Cable Type | Nominal Conductor Area mm ² | Nominal Conductor Stranding #/mm | Insulation Thickness mm | Maximum O/D mm | Approx Weight kg/km |
|----------------|------|------------|--|----------------------------------|-------------------------|----------------|---------------------|
| | AWG | | | | | | |
| A9AC-A28-## | 28 | A | 0.08 | 7/0.12 | 0.15 | 0.71 | 1.40 |
| A9AC-A26-## | 26 | A | 0.12 | 7/0.15 | 0.15 | 0.80 | 1.96 |
| A9AC-A24-## | 24 | A | 0.22 | 7/0.20 | 0.15 | 0.95 | 3.04 |
| A9AC-A22-## | 22 | A | 0.34 | 19/0.15 | 0.15 | 1.10 | 4.41 |
| A9AC-A20-## | 20 | A | 0.6 | 19/0.20 | 0.15 | 1.35 | 7.19 |
| | | | | | | | |
| A9AC-B28-## | 28 | B | 0.08 | 7/0.12 | 0.25 | 0.96 | 2.10 |
| A9AC-B26-## | 26 | B | 0.12 | 7/0.15 | 0.25 | 1.05 | 2.74 |
| A9AC-B24-## | 24 | B | 0.22 | 7/0.20 | 0.25 | 1.20 | 3.95 |
| A9AC-B22-## | 22 | B | 0.34 | 19/0.15 | 0.25 | 1.35 | 5.44 |
| A9AC-B20-## | 20 | B | 0.6 | 19/0.20 | 0.25 | 1.6 | 8.43 |
| | | | | | | | |
| A9AC-C28-## | 28 | C | 0.08 | 7/0.12 | 0.4 | 1.28 | 3.31 |
| A9AC-C26-## | 26 | C | 0.12 | 7/0.15 | 0.4 | 1.37 | 4.04 |
| A9AC-C24-## | 24 | C | 0.22 | 7/0.20 | 0.4 | 1.52 | 5.42 |
| A9AC-C22-## | 22 | C | 0.34 | 19/0.15 | 0.4 | 1.67 | 7.08 |
| A9AC-C20-## | 20 | C | 0.6 | 19/0.20 | 0.4 | 1.92 | 10.33 |

Please use the following suffix for required insulation colour.

- 01 White
- 02 Black
- 03 Red
- 04 Green
- 05 Yellow
- 06 Blue
- 07 Brown
- 08 Orange
- 09 Grey
- 10 Violet
- 12 Pink

Other colours available to order.