



TECTRAN
Solutions for Transportation Equipment

Dual Battery Cable

Technical Specifications

GENERAL:

Tectran's dual battery cable is constructed of two 4 gauge (19mm²) cables of the specifications noted below, bonded together into a unique parallel construction. A wide red stripe virtually covers one of the two conductors of this dual cable and the other black conductor is marked with the designation "Black is ground". In this way, the user can readily identify the positive and negative conductors.

This cable is designed for outdoor use in harsh environments involving cold temperatures.

APPLICATIONS:

This dual cable is ideally suited for use for tailgate and battery charging applications where a dual-pole connector with an integral ground terminal or a single pole connector with an external ground lug is used. These connectors in male and female are available separately or as part of assemblies manufactured by Tectran. This cable can also be used for cold starting and booster applications using a clamp, lug or battery terminal, all available separately or as part of assemblies manufactured by Tectran.

The cable is available in various coiled assembly constructions or in a flexible straight construction in a pre-packaged length of 25' or 100'.

CONDUCTORS:

- High-grade, ASTM B3-74 (Class K) soft-annealed bare copper
- High strand count for greater flexibility and reduced flex-fatigue
- 4 gauge 413 (7x59) x 0.0100" strands

INSULATION & CABLE JACKET:

- Specially formulated polymer is more abrasion resistant than other commonly used insulation materials
- Operating temperature range of -65° C to +65° C
- Tensile and elongation properties meet or exceed those specified by SAE J1127 (Type SGT)
- Resistant to commonly-used diesel fuel, brake fluid, engine coolant, power steering fluid, transmission oil, lubricants, road salt, cleaning chemicals and ultraviolet rays

ELECTRICAL:

The cable has a maximum current carrying capacity of 200 amps when used in a typical 12-volt intermittent application or 110 amps in a continuous 12-volt application.

DIMENSIONS:

The dual cable dimensions are approximately 0.402" x 0.814".

The construction is bonded parallel with one red and one black insulated conductor.

PART NUMBERS:

This cable is supplied in coiled assemblies of the "DTB" (for integral ground connectors) and "CTR" (for external ground connectors) series Powercoils. In a straight form, the cable is provided in several package lengths, the most popular of which are:

Part No. 7204A-Q....25' boxed length | Part No. 7204A-1...100' spooled length