



## Railway Cables

### Control Wires for Diesel Electric Locomotives including AWG size # 3

Thermosetting, flame retardant, oil grease resistant compound also resistant to moisture, caustic cleaning solutions, high ambient conditions, electrical overload conditions, abrasion, cut-through, compression and crush force and low smoke and acid gas generation properties.

<b>Specification</b>	: EDPS 179
<b>Temperature Range</b>	: - 65° C to 125° C
<b>Cable Type</b>	: Single Core Wires
<b>Voltage Grade</b>	: 600 V to 2100 V
<b>Conductor</b>	: Annealed tinned copper (Class 5)
<b>Insulation</b>	: Thermosetting flame retardant compound
<b>Application</b>	: For use within the electrical control system of diesel electric locomotives and other heavy duty industrial equipment

### Power Cables for Diesel Electric Locomotives including AWG size # 1 & larger

Thermosetting, flame retardant, oil grease resistant compound that is also resistant to moisture, caustic cleaning solutions, high ambient conditions, electrical overload conditions, abrasion, cut-through, compression and crush force and low smoke and acid gas generation.

<b>Specification</b>	: EDPS 304
<b>Temperature Range</b>	: - 70° C to 130° C
<b>Cable Type</b>	: Single Core Power Cables
<b>Voltage Grade</b>	: 600 V to 2100 V
<b>Conductor</b>	: Annealed tinned copper (Class 5)
<b>Insulation</b>	: Thermosetting flame retardant compound
<b>Application</b>	: For use within the power distribution of diesel electric locomotives and other heavy duty industrial equipment with variable duty cycle

### Traction / Rolling Stock / Metro Application as per BSEN Specification

Cable Type	Specification	Voltage Grade
Railway rolling stock high temperature power cables having special fire performance	BSEN-50382-1 BSEN-50382-2	<ul style="list-style-type: none"><li>1.8 / 3 KV unscreened, unsheathed with or without textile braid (1.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>1.8 / 3 KV unscreened, sheathed (1.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>3.6 / 6 KV unscreened, unsheathed with or without textile braid (2.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>3.6 / 6 KV unscreened, sheathed (2.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li></ul>
Railway rolling stock power and control cables having special fire performance	BSEN-50264-1 BSEN-50264-3-1 BSEN-50264-3-2	<ul style="list-style-type: none"><li>0.6 / 1 KV unscreened &amp; unsheathed (1 Sq mm to 400 Sq mm)</li><li>1.8 / 3 KV unscreened &amp; unsheathed (1.5 Sq mm to 400 Sq mm)</li><li>1.8 / 3 KV unscreened &amp; sheathed (1.5 Sq mm to 400 Sq mm)</li><li>3.6 / 6 KV unscreened &amp; sheathed (2.5 Sq mm to 400 Sq mm)</li></ul>
Railway rolling stock cables having special fire performance thin wall	BSEN-50306-1 BSEN-50306-2 BSEN-50306-3 BSEN-50306-4	<p>EN 50306-4 specifies requirements for and constructions and dimensions of multi core &amp; multi pairs cables rated 300 V to earth of the following type</p> <ul style="list-style-type: none"><li>Unscreened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 48)</li><li>Screened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 8)</li><li>Screened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 7)</li></ul>