

## AXD 2 X 1.0mm

<b>Attribute</b>	<b>Details</b>
<b>Cable Type</b>	Audio Speaker Cable, twin parallel.
<b>Conductor Size</b>	2 x 1.0mm <sup>2</sup> .
<b>AWG Equivalent</b>	Approximately 17 AWG.
<b>Conductor Material</b>	Typically Annealed or Oxygen-Free Copper (OFC) stranded wire.
<b>Outer Insulation Material</b>	Flexible and durable PVC.
<b>Outer Diameter (OD)</b>	Approximately <b>2.8mm x 5.6mm</b> .
<b>Voltage Rating</b>	Typically rated for 300V.
<b>Operating Temperature</b>	Range of <b>-20°C to +70°C</b> .
<b>DC Resistance at 20°C</b>	Approximately <b>12.6 Ω/km</b> or <b>0.0126 Ω/m</b> .
<b>Current Carrying Capacity</b>	Approximately <b>11A</b> (when enclosed in conduit) or <b>16A</b> (when clipped direct).

### **Application Guidelines**

The 1.0mm<sup>2</sup> size is considered suitable for shorter distance speaker connections (up to 25ft or 8 meters) to avoid signal loss, according to [livesound.co.nz](http://livesound.co.nz). It is widely used in:

- Home audio systems
- Background music installations in commercial settings

- General low-power audio transmission