

# AZX6CBLBUS050FT

Airzone Bus cable

## Description

Flexible, shielded, twisted cable designed for transmitting data, analog and digital signals, and supplying power to the various Airzone components. Provides protection against electromagnetic interference. Supplied in 50-ft (15-meter) rolls.



## Technical specs

	<i>Metric system</i>	<i>U.S. customary system</i>
<b>Section</b>	Communication: 2 x 0.20 mm <sup>2</sup> ; twisted and shielded (Blue - Green) Power supply: 2 x 0.50 mm <sup>2</sup> (Red - Black)	Communication: AWG 24-2 wired; twisted and shielded (Blue - Green) Power supply: AWG 20-2 wired (Red - Black)
<b>Conductor</b>	0,20 mm <sup>2</sup> : polished copper (7 x 0.20 mm)	AWG 24 , polished copper (7 x 0.01 in)
<b>Insulation</b>	PVC compound, plenum (Ø 1.0 mm)	PVC compound, plenum (Ø 0.04 in)
<b>Operating voltage</b>	300 V	
<b>AC test voltage</b>	1000 Vca	
<b>Maximum permissible current</b>	3,5 A (Ø 0,5 mm <sup>2</sup> )	3,5 A (AWG 20)
<b>Resistencia máxima a 20°C (68 °F)</b>	Section 0,5 mm <sup>2</sup> : < 39 Ω/Km Section 0,20 mm <sup>2</sup> : < 82,7 Ω/Km	Section AWG 24: < 0.03 Ω/ft Section AWG 20: < 0.01 Ω/ft
<b>Materials</b>	Shielded pair + 2 conductors wired together Polyester tape shield Aluminum-polyester tape shield + tinned copper drain wire	
<b>Mechanical properties</b>	Temperature range: -20 °C/+75 °C Bending radius: 10 x Ø outer	Temperature range: -4 °F/ +167 °F Bending radius: 10 x Ø outer
<b>Applicable standards and tests</b>	Construction standard: UL 444 (UL Certification Number E540962) Fire performance: NFPA 262, UL 910 (CMP), CL2P/CL3P RoHS Directive 2011/65/EU REACH Directive EC 1907/2006	
<b>Physical properties</b>	1 x 2 x 0,20 mm <sup>2</sup> + 2 x 0,50 mm <sup>2</sup> , 4.6 mm Ø outer, 39 kg/km	AWG 24-2 wired + AWG20-2 wired, 0,18 in Ø outer, 0,03 lbs/ft