

AZX6CBLBUS300FT

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 100-meter (300-ft) rolls.



Technical specs

	<i>Metric system</i>	<i>U.S. customary system</i>
Section	Communication: 2 x 0.22 mm ² ; twisted and shielded (Blue - Green) Power supply: 2 x 0.50 mm ² (Red - Black)	Communication: AWG 24-2 wired; twisted and shielded (Blue - Green) Power supply: AWG 20-2 wired (Red - Black)
Conductor	0,22 mm ² : polished copper (7 x 0.20 mm)	AWG 24 , polished copper (7 x 0.01 in)
Insulation	PVC compound, plenum (Ø 1.0 mm)	PVC compound, plenum (Ø 0.04 in)
Operating voltage	300 V	
AC test voltage	1000 Vca	
Maximum permissible current	3,5 A (Ø 0,5 mm ²)	3,5 A (AWG 20)
Resistencia máxima a 20°C (68 °F)	Section 0,5 mm ² : < 39 Ω/Km Section 0,22 mm ² : < 82,7 Ω/Km	Section AWG 24: < 0.03 Ω/ft Section AWG 20: < 0.01 Ω/ft
Materials	Shielded pair + 2 conductors wired together Polyester tape shield Aluminum-polyester tape shield + tinned copper drain wire	
Mechanical properties	Temperature range: -20 °C/+75 °C Bending radius: 10 x Ø outer	Temperature range: -4 °F/ +167 °F Bending radius: 10 x Ø outer
Applicable standards and tests	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	
Physical properties	1 x 2 x 0,22 mm ² + 2 x 0,50 mm ² , 4.6 mm Ø outer, 39 kg/km	AWG 24-2 wired + AWG20-2 wired, 0,18 in Ø outer, 0,03 lbs/ft