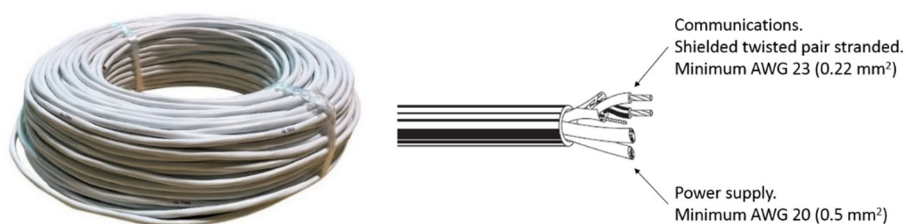


# AZX6CBLBUS300FT

## 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 data

	Metric system	U.S. customary system
Section	Communication: 2 x 0.22 mm <sup>2</sup> ; twisted and shielded (blue-green) Power supply: 2 x 0.50 mm <sup>2</sup> (red-black)	Communication: AWG 23-2 wired; twisted and shielded (blue-green) Power supply: AWG 20-2 wired (red-black)
Conductor	0.22 mm <sup>2</sup> , polished copper (7 x 0.20 mm)	AWG 23, polished copper (7 x 0.01 in)
Insulation	PVC compound, plenum (ø1.0 mm)	PVC compound, plenum (ø 0.04)
Operating voltage	300 V	
AC test voltage	1000 Vac	
Maximum permissible current	3.5 A (0.5 mm <sup>2</sup> )	3.5 A (AWG 20)
Maximum resistance at 20°C (68°F)	Section 0.22 mm <sup>2</sup> : < 89.2 Ω/km Section 0.50 mm <sup>2</sup> : < 39 Ω/km	Section AWG 23: < 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 <sup>2</sup> + 2 x 0.50 mm <sup>2</sup> , 4.6 mm ø outer, 39 kg/km	AWG 23-2 wired + AWG20-2 wired, 0.18 in ø outer, 0.03 lbs/ft