

AZX6CBLBUS050FT - Airzone bus cable

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:
Additional Info:	

MODEL 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.



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TECHNICAL SPECS

Section	
Communication	AWG 24-2 wired (2 x 0.20 mm ²); twisted and shielded (blue-green)
Power supply	AWG 20-2 wired (2 x 0.50 mm ²) (red-black)
Conductor	
AWG 24 (0.20 mm ²) , polished copper (7 x 0.01 in (7 x 0.20 mm))	
Insulation	
PVC compound, plenum (ø 0.04 in (1.0 mm))	
Operating voltage	
300 V	
AC test voltage	
1000 Vac	
Maximum permissible current	
3.5 A (AWG 20 (0.5 mm ²))	
Maximum resistance at 20°C (68°F)	
Section AWG 24 (0.22 mm ²)	< 0.03 Ω/ft (< 89.2 Ω/km)
Section AWG 20 (0.50 mm ²)	< 0.01 Ω/ft (< 39 Ω/km)

Materials	
Shielded pair + 2 conductors wired together	
Polyester tape shield	
Aluminum-polyester tape shield + tinned copper drain wire	
Mechanical aspects	
Temperature range	-4°F / +167°F (-20°C / +75°C)
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	
AWG 24-2 wired (1 x 2 x 0.20 mm ²) + AWG20-2 wired (2 x 0.50 mm ²), 0.18 in ø outer (4.6 mm ø outer), 0.03 lbs/ft (39 kg/km)	