

AZX8CBLBUS300FT

Airzone bus cable

Description

Flexible, shielded, twisted cable designed to transmit data, analog and digital signals and to power the various Airzone components. With electromagnetic interference shielding. Supplied in 100-meter (300 ft) rolls.



Technical data

Cross-section	Communication: 2 x 0.22 mm ² (AWG 23-2 wired); twisted and shielded (blue-green) Power supply: 2 x 0.50 mm ² (red-black)
Conductor	0.22 mm ² , polished copper (7 x 0.20 mm (7 x 0.01 in))
Insulation	PVC compound, plenum (\varnothing 1.0 mm)
Operating voltage	300 V
AC test voltage	1000 Vac
Maximum permissible current	3.5 A (\varnothing 0.5 mm ² (AWG 20))
Maximum resistance at 20°C (68 °F)	0.22 mm ² (AWG 20) < 89.2 Ω /km (0.03 Ω /ft) 0.50 mm ² (AWG 20) < 39 Ω /km (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 (-4 °F/+167 °F) Bending radius: 10 x \varnothing 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 (AWG 23-2 wired + AWG20-2 wired), 4.6 mm (0.18 in) \varnothing outer, 39 kg/km (0.03 lbs/ft)