



More information

Technical Data Sheet

ONE 18AWG x 2C + 22AWG x 1P Control Cable

305m

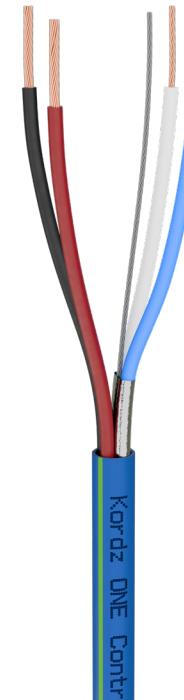
Make performance possible

The Kordz ONE 18AWG x 2C + 22AWG x 1P Control Cable is designed and engineered for systems integrators requiring reliable power and RS-485 communication within a single, installation-friendly cable. Featuring 18AWG stranded conductors for Safety Extra Low Voltage (SELV) power delivery and a 22AWG shielded twisted pair for RS-485 data, it supports a wide range of building control systems including lighting, shades, HVAC interfaces, sensors and automation processors. Balanced strand construction provides the optimal combination of power handling and flexibility, enabling straightforward routing through conduits, risers and control enclosures.

The cable's IEC60332-1 flame retardant PVC construction and CPR Eca classification address basic flame propagation requirements, while industry-standard colour coding simplifies termination. Metre-marked lengths and an internal nylon ripcord enhance installation ease and preparation efficiency, particularly in large-scale deployments.

Packaged in the Kordz recyclable Reel Box for consistent, snag-free dispensing, this cable comes backed by the Kordz lifetime warranty. The ONE 18AWG x 2C + 22AWG x 1P Control Cable provides dependable performance for modern building automation, extending the ONE Series range into control infrastructure with the quality and reliability integrators expect from Kordz.

- 18AWG x 2C power conductors and 22AWG x 1P RS-485 pair for modern building control systems
- Balanced strand construction for flexibility and robust power handling
- Industry-standard internal colour coding for straightforward termination
- IEC60332-1 flame retardant PVC cable with CPR Eca compliance
- Metre-marked cable with internal nylon ripcord for efficient preparation
- Packaged in a recyclable Kordz Reel Box for easy handling and deployment
- AS/NZS S008:2020 and RoHS compliant
- Lifetime warranty for peace of mind



Technical Specifications											
Construction					22AWG 1Pair	18AWG 2Cores					
Conductor Material					Stranded Oxygen Free Copper						
AWG					22AWG (7/0.25mm)	18AWG (41/0.16mm)					
Insulation Material					Foam PE						
Insulation Diameter					1.8 ± 0.10mm	SR-PVC					
Insulation Colour					White/ Light Blue	1.8 ± 0.10mm					
Drain wire					7/0.20 TC	Black/Red					
Shielding					Al-foil 125% Coverage	N/A					
Electrical Properties (20°C)											
Conductor Resistance					Max 55.4 ohms/km	Max 21.8 ohms/km					
Dielectric Strength					1500V AC/1min						
Impedance					500 V AC / 1 min						
Capacitance					4 kV / 1 min						
Mechanical Properties											
Cable Diameter					6.00 ± 0.20mm						
Material					IEC 60332-1 PVC Composite						
Colour					Blue with green stripe						
Part No	Color	AWG	Material	Fire Rating	Spool Length	Packaging Style	Packaging Dimensions				
K17005-305M-BL	Blue with Green Stripe	22AWG	PVC	CPR Eca / IEC 60332-1	305m	Reel Box	345 mmx260mm x330mm 13.58in×10.24in×12.99in				

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