

Technical Data Sheet

ONE KNX Control Cable

305m

Make performance possible

The Kordz ONE KNX Control Cable is designed and engineered to meet the exacting requirements of the KNX certification. This professional grade high performance cable designed for systems technicians is supplied in a durable reel-box packaging for easy handling on-site and allows the easy flow of cable from the box, whilst also keeping the cable from twisting and curling, minimising snags during installation and saving time.

- KNX certified: certificate no. 579/17921/20
- Sturdy and robust shielded construction
- Manufactured with quality materials using advanced manufacturing methods
- CPR Dca LSZH composite and IEC60332-1 PVC variants available
- Easy glide outer jacket with meter marks
- Durable reel-box packaging simplifies transport and deployment
- Backed by the Kordz Lifetime Warranty



Technical Specifications							
Applicable Standards							
Technical Standard				KNX Certified: 579/17212/20			
Construction							
Conductor				Solid OFC annealed bare copper wire 0.80 ± 0.015mm (20AWG)			
Insulation				Polyethylene 1.6mm ± 0.1mm			
Cable lay up				Four cores twisted together with surrounding fabric and foil shielding			
Conductor colour code				White, Red, Yellow and Black			
Shielding				Nonwoven fabric 125% coverage			
				Al-Mylar (Al facing outwards) 125% coverage			
Drain wire				Tinned copper wire 0.408 ± 0.008mm			
Jacket material				Low Smoke Zero Halogen			
Outer diameter				5.4 ± 0.3 mm			
Mechanical Properties							
Bend radius		Without load		≥ 21.6 mm			
		With load		≥ 43.2 mm			
Temperature range		During operation		-20°C – 70°C			
		During installation		-30°C – 70°C			
Electrical Properties (20°C)							
DC resistance				nom. 36.7Ω/km			
Voltage Rating				300V			
Dielectric test				500 V AC / 1 min			
Voltage test				4 kV / 1 min			
Part No	Color	AWG	Material	Fire Rating	Spool Length	Packaging Style	Packaging Dimensions
K17502-305M-GN	Green	20AWG	LSZH	CPR Dca s2,d2,a1	305m	Reel Box	345 mmx260mm x330mm 13.58in×10.24in×12.99in
K17505-305M-GN			PVC	IEC 60332-1			