



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. 579/17212/20
- 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 / Polyvinyl Chloride					
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			