

Technical Data Sheet

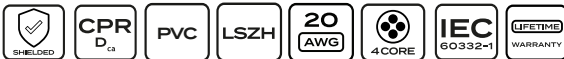
ONE KNX Control Cable

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				
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			