



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 305m professional pull box. The Rapid-EZ reel 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.

- Easy glide outer jacket with meter marks
- Compact Rapid-EZ-Reel packaging
- CPR Dca fire-rated LSZH composite jacket material
- Enhance pair geometry with Al-Mylar shield
- KNX certified: certificate no. 579/17921/20
- Sturdy and robust shielded construction
- Manufactured with quality materials using advanced manufacturing methods
- 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 ± 0.05mm
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		6.00 ± 0.2mm
Mechanical Properties		
Bend radius	Without load	31.5mm
	With load	63.0mm
Temperature range	During operation	-20°C – 70°C
	During installation	-30°C – 70°C
Electrical Properties (20°C)		
DC resistance		nom. 36.7Ω/km
Capacitance		50pF/m
Voltage rating		300V
Test voltage		4kV, 1 min
Supply Information		
Part number		K17502-305M-GN
Pack size		305m
Pack type		Reel-in-Box
Dimensions and weight		265mm (W) x 355mm (L) x 330mm (H), 17.2kg