

XLT ALARM CABLE 8CORE 100 YARDS

Technical Specifications

The exact specifications can vary slightly depending on the specific manufacturer and if the cable is "Type 1" (full copper), "Type 2", or "Type 3" (copper clad aluminum).

Property	Specification	Source
Product Type	Alarm / Security Cable	
Number of Cores	8	
Reel Length	100m (approx. 328 ft / 109 yards)	
Conductor Material	Tinned Copper or Tinned Copper Clad Aluminium (TCCA)	
Stranding	7 strands of 0.2mm or 0.22mm (approx. 24 AWG)	
Conductor Resistance @ 20°C	Max. 100-155 Ω /km (depending on Type/material)	
Insulation Material	PVC (Polyvinyl Chloride) or LSZH (Low Smoke Zero Halogen)	
Jacket Material	PVC (standard) or LSZH	
Overall Diameter	Approx. 4.3mm – 4.8mm	
Voltage Rating	30V to 300V (low voltage application)	

Temperature Limits -10°C to +70°C (PVC)

Standard Compliance BS4737-3.30:2015

Materials and Construction

- **Core Identification:** Cores are color-coded for easy identification: Red, Black, Blue, Yellow, Green, White, Orange, and Brown.
- **Rip Cord:** Includes a nylon rip cord to aid in stripping the outer jacket quickly and cleanly.
- **Shielding (Optional):** Some variants are "screened" with an aluminum foil wrap and a tinned copper drain wire to protect low-current signals from EMI (electromagnetic interference).
- **Flexibility:** Designed to be highly flexible for easy routing through walls and around corners during installation.