XLT ALARM CABLE 4 CORE 100 YARDS

Technical Data Sheet

Specification	Details	Source
Product Type	Alarm and security control cable, low voltage signal cable	
Number of Cores	4 (four)	
Core Colours	Red, Blue, Yellow, Black	
Conductor Material	Stranded **Tinned Copper** or **Oxygen-Free Copper** (OFC) are common. Tinned Copper Clad Aluminium (TCCA) is also an option.	
Conductor Construction	Typically 7 strands of 0.2mm wire (7x0.2mm) or similar.	
Conductor Size	Varies, common options include 24 AWG (approx. 0.16mm^2) or 22 AWG.	
Insulation Material	PVC (Polyvinyl Chloride) or HDPE (High-Density Polyethylene)	
Jacket Material	Flexible PVC outer jacket (e.g., White, Black, or Red)	
Overall Diameter	Approximately 3.5mm to 4mm, depending on the specific conductor size and materials	

Voltage Rating	Typically 50V AC up to 300V (RMS Max), depending on the specific product and standard compliance
Temperature Rating	Operating range generally from -10°C to +70°C, some are rated for -40°C to +80°C
Shielding	Usually unscreened/unshielded; shielded (foiled) versions are available
Length	Typically supplied in **100m (approx. 109.36 yards or 328 feet)** reels/drums
Standards Compliance	Often conforms to industry standards like BS4737-3.30 or EN 50131-1/5
Additional Features	Includes a nylon rip cord for easy jacket stripping and sometimes sequential length markings.

Key Considerations

- **Conductor Material:** Tinned copper offers good performance, while 99.99% oxygen-free copper provides maximum conductivity, as highlighted by XLT product details on Amazon.ae.

- **Length:** The specified "100 yards" is very close to the standard 100 meters (328 feet) in which these cables are typically sold.

- **Application:** This cable is designed for low-voltage signal transmission for various security systems (burglar alarms, access control, motion detectors) and low-voltage applications like intercoms and doorbells.