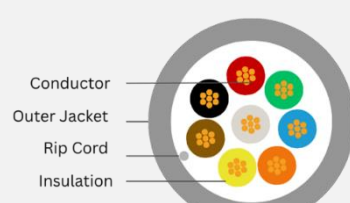


## SCHNELL 8 CORE 18 AWG UNSHIELDED MULTI CONDUCTOR CABLE

SCHNELL 8-Core 18 AWG Unshielded Multi-Conductor Cable is ideal for commercial audio systems, instrumentation, and control applications. It is constructed with stranded bare copper conductors, PE insulation, and a grey PVC or LSZH jacket. Designed for reliable signal transmission, easy handling, and excellent mechanical durability in demanding environments.



### DIAGRAM & CONSTRUCTION

<p>Conductors : Bare Copper (18 AWG 7×26))</p> <p>Core count : 8</p>	 <p>Conductor</p> <p>Outer Jacket</p> <p>Rip Cord</p> <p>Insulation</p>	<p>Insulation : PE (Polyethylene)</p> <p>Rip Cord : Nylon</p> <p>Outer Jacket : PVC or LSZH, Grey</p>
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### ELECTRICAL CHARACTERISTICS

Conductor DCR (Ω/km)	: ~20.5
Capacitance (Cond-to-Cond)	: ~50 pF/m
Max Operating Voltage (UL)	: 300 V

### PHYSICAL & MECHANICAL CHARACTERISTICS

Insulation Thickness	: 0.28 mm
Jacket Thickness	: 0.50 mm
Cable Outer Diameter	: ~6.1 mm
Max Recommended Pulling Tension	: ~795 N
Min Bending Radius (Minor)	: ~48.8 mm
Operating Temperature	: -10 °C to +60 °C

### KEY FEATURES

- Flexible stranded copper conductors
- PE insulation for stable electrical performance
- PVC or LSZH jackets for safety and durability
- Color-coded cores for easy installation

### KEY APPLICATIONS

- Commercial audio and PA systems
- Control and instrumentation wiring
- Building automation and HVAC systems
- Signal transmission in instrumentation environments

### REACTION TO FIRE

Jacket Flame Safety	: Meets IEC 60332-1
Smoke Emission (LSZH)	: Low smoke output
Halogen Content	: Halogen-free (LSZH option)
Insulation Integrity	: Maintained under exposure

### STANDARDS

- UL-listed (300 V rating)
- IEC 60332-1 Flame standard
- ISO/IEC 11801 cabling norms
- ANSI/TIA-568.2-D structured cabling
- RoHS compliant

### PART NUMBER

Part Number	Description
SCZ-9010818UMC1	SCHNELL 8C X 0.75 MM (18 AWG) UNSHIELDED MULTI CONDUCTOR CABLE LSZH 100 MTR
SCZ-9010818UMC2	SCHNELL 8C X 0.75 MM (18 AWG) UNSHIELDED MULTI CONDUCTOR CABLE LSZH 305 MTR