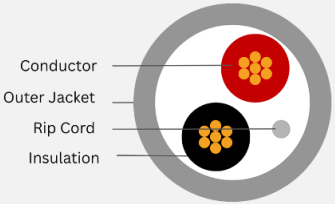


SCHNELL 2 CORE 16 AWG UNSHIELDED MULTI CONDUCTOR CABLE

Schnell's 2 Core 16 AWG Unshielded Multi-Conductor Cable is ideal for commercial audio, control, and instrumentation systems. Constructed with high-purity bare copper conductors, PE insulation, a durable PVC or LSZH jacket, and a nylon rip cord for easy stripping. Engineered for flexibility, durability, and stable electrical performance across diverse environments.



DIAGRAM & CONSTRUCTION

Conductor	: Bare Copper (16 AWG, 19x29)		Rip Cord	: Nylon
No. of Conductors	: 2		Outer Jacket	: PVC or LSZH
Insulation	: Polyethylene (PE)		Jacket Thickness	: 0.45 mm
Insulation Thickness	: 0.18 mm		Jacket Diameter	: 4.50 mm
Insulation Diameter	: 2.10 mm		Jacket Color	: Grey

ELECTRICAL CHARACTERISTICS

Nominal Capacitance	: 77.1 pF/m
Nominal Conductor DC Resistance	: 13.7 Ω/km
Max Recommended Current @ 25°C	: 6.25 Amps
Max Operating Voltage	: 300 V

PHYSICAL & MECHANICAL CHARACTERISTICS

Max Pulling Tension	: 262 N
Min. Bending Radius (Minor Axis)	: 44 mm
Operating Temperature	: -10°C to +75°C
Cold Bend Test (-20°C, 4 hrs)	: No Crack

KEY FEATURES

- Durable PVC/LSZH jacket for flexible installations
- 100% Bare copper for low resistance and high conductivity
- Easy stripping with nylon rip cord
- Ideal insulation and jacket thickness for tight bending and routing

KEY APPLICATIONS

- Commercial audio signal transmission
- Control and instrumentation wiring
- Security and access control systems
- Low-voltage power and monitoring circuits

REACTION TO FIRE

Flame Retardant	: yes, self-extinguishing
Cold Bend Test	: No cracks at -20°C (4 hrs)
Smoke Emission (LSZH)	: Low smoke, halogen-free HF1

STANDARDS

- UL 758 / UL 1581 (for PVC/LSZH jacketed cables)
- RoHS Compliant
- Conductor construction and insulation per ASTM and IEC standards

PART NUMBER

Part Number	Description
SCZ-9010216UMC1	SCHNELL 2C X 1.5MM (16 AWG) UNSHIELDED MULTI CONDUCTOR CABLE LSZH 100 MTR
SCZ-9010216UMC2	SCHNELL 2C X 1.5MM (16 AWG) UNSHIELDED MULTI CONDUCTOR CABLE LSZH 305 MTR