



BARE COPPER CONDUCTORS

Premium Quality for Reliable Power Transmission & Grounding

At **Libra Contractors**, we specialize in delivering authentic, high-quality electrical cables and conductors tailored for extensive commercial, B2B, and industrial applications. Our bare copper conductors are engineered to ensure your projects meet the absolute highest standards of safety, longevity, and electrical efficiency.

Product Overview

Available in both solid and stranded configurations, our bare copper conductors are manufactured from 99.9% high-purity electrolytic grade copper. Completely uninsulated, these conductors are the ideal choice for environments where grounding and bonding are paramount.

Core Applications

- Electrical Grounding and Bonding Systems
- Overhead Transmission & Distribution Networks
- Uninsulated Hook-ups and Jumpers
- Substation Earthing Grids

Key Features & Benefits

- **Exceptional Conductivity:** High-purity copper ensures minimal electrical power loss during transmission.
- **Superior Durability:** Excellent tensile strength to withstand physical stress and tension.
- **Corrosion Resistance:** Performs reliably across diverse atmospheric and soil conditions.
- **High Flexibility:** Stranded design options provide the pliability needed for complex routing.

Technical Specifications

Nominal Cross Sectional Area (mm ²)	Number of Strands	Approx. Overall Diameter (mm)	Max DC Resistance at 20°C (Ω/km)	Standard Weight (kg/km)
16	7	5.10	1.15	142
25	7	6.30	0.727	223
35	7	7.50	0.524	312
50	19	9.00	0.387	435
70	19	10.50	0.268	618
95	19	12.50	0.193	855
120	37	14.00	0.153	1080

* Specifications are subject to standard manufacturing tolerances and comply with international standards.

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Powering Your World

Karachi, Pakistan | Industrial B2B Cable Solutions