

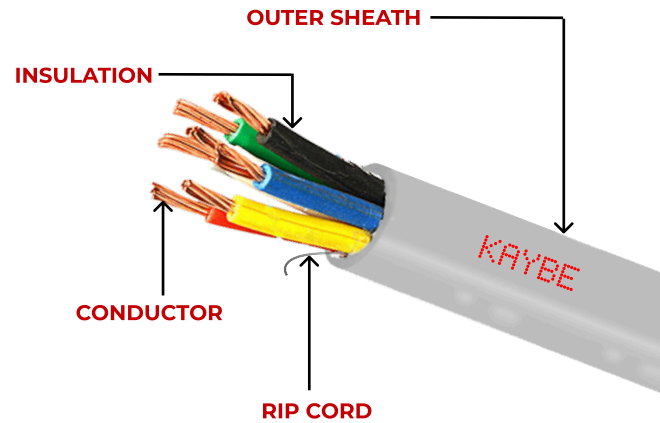


6 CORES CONTROL & SECURITY CABLE - 18AWG, UN-SHIELDED

PRODUCT NO.: AL6400U

DESCRIPTION: 18AWG

The KAYBE 6-Core Control & Security Cable ensures reliable signal transmission for advanced control systems and security applications. Its unshielded design offers flexibility and easy installation while maintaining consistent performance. Suitable for residential, commercial, and industrial setups.



STANDARD REFERENCES

| | |
|----------------------|---------------------|
| UL Rating | Flame Retardant PVC |
| ISO/IEC Flammability | IEC 60332-1 |
| UL Voltage Rating | 300V RMS Max. |
| Certification | CE ROHS certified |

PACKAGING

| | |
|-----------|------------------------------------|
| Packaging | 100yards X 4 ROLLS PER BOX (300FT) |
|-----------|------------------------------------|

CONSTRUCTION DATA SHEET

| | |
|---------------------|---|
| Item | Audio & Security Cable |
| CONDUCTOR | |
| Conductor | 6 Cores |
| Material | Annealed Bare Copper |
| AWG | 0.75mm ² |
| Structure | 7X26awg |
| INSULATION | |
| Material | PVC |
| Average Thickness | 0.20mm |
| Diameter | 1.2 ± 0.10 mm |
| RIP Cord | Yes, Nylon |
| Colors | Red, Black, White, Pink, Blue, Brown, Yellow, Green |
| LAY TYPE | |
| Laid Up | All of the 6 Cores twisted together with suitable lay |
| SHIELDING | |
| Polytape | 100% coverage |
| Alu Tape Foil | Not Available |
| OUTER JACKET | |
| Material | FR-PVC |
| Average Thickness | 0.55mm |
| Diameter | 5.5+/- 0.30MM |
| Color | Grey |
| PRINTING | KAYBE Control & Security Cable 100% copper Shilded (AL6400U) 001Y.. |
| LENGTH | 100Y / 305M |

ELECTRICAL PARAMETERS

| | |
|---|----------------|
| Temperature Rating | -10°C To +70°C |
| Operating Voltage | 300V RMS Max. |
| Dc Resistance | 14ohms/1M1 Nom |
| Capacitance Between conductor to Shield1Khz | 60pF/ft Nom. |

PHYSICAL PROPERTIES

| | |
|------------------|--|
| Deformation Test | 50% Maximum (80 ± 20C X 4 hrs) |
| Heat Shock Test | 150 ± 20C X 1 hrs (No Cracks) |
| Shrinkage Test | 4% Maximum at 150 ± 20C for 15 Minutes |
| Cold Ben Test | -15 ± 20C X 2 hrs (No Cracks) |

FLAMMABILITY TEST

| | |
|--------------------|---|
| Time Period | 60 seconds |
| Unaffected Portion | 50mm from the lower edge of the top clamp |

ORDERING INFORMATION AS PER FOLLOWS

| PART NO | DESCRIPTION | COLOR | WEIGHT |
|-------------|---|-------|--------------------|
| AL6400U | 6CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC | Grey | 100Yards (300Ft) |
| AL6400U-305 | 6CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC | Grey | 305Meters (1000Ft) |