

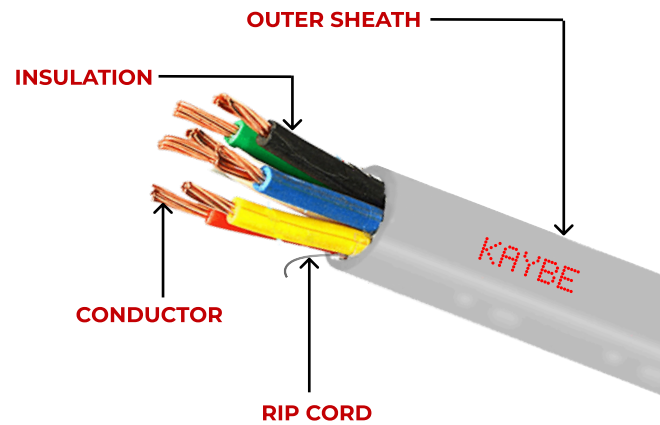


6 CORES CONTROL & SECURITY CABLES, 22AWG UNSHIELDED

PRODUCT NO.: AL6300U

DESCRIPTION: 22AWG

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)
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	6 Cores
Material	Annealed Bare Copper
AWG	22 AWG
Structure	7x30 (0.25mm)
INSULATION	
Material	PVC
Average Thickness	0.20mm
Diameter	1.05 ± 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	No
OUTER JACKET	
Material	FR-PVC
Average Thickness	0.60mm
Diameter	5.0+/- 0.30MM
Color	Grey
PRINTING	KAYBE Control & Security Cable 100% copper Shileded (AL6300U) 001Y..
LENGTH	100Yards (300ft)

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
AL6300U	6CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	100Yards (300Ft)
AL6300U-305	6CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	305Meters (1000Ft)