

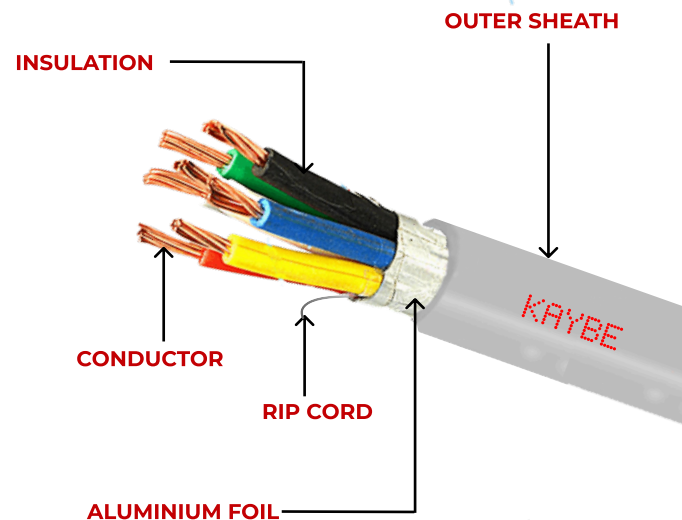


6 CORES CONTROL & SECURITY CABLE - 18AWG, SHIELDED

PRODUCT NO.: AL6400SH

DESCRIPTION: 18AWG STRONG CABLE

The KAYBE 6-Core Shielded Control & Security Cable provides superior signal integrity with shielding to minimize interference. Designed for advanced control systems and security applications, it ensures reliable and consistent performance. Ideal for demanding installations in residential, commercial, and industrial environments.



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	305 Meter ROLLS PER BOX (1000FT)
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	6 Cores
Material	Annealed Bare Copper
AWG	18awg
Structure	7X26awg (0.40mm)
INSULATION	
Material	PVC
Average Thickness	0.45mm
Diameter	1.80 ± 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
Drain Wire	7X0.20mm (24awg)
OUTER JACKET	
Material	FR-PVC
Average Thickness	0.68mm±0.03mm
Diameter	6.0+/- 0.30MM
Color	Grey
PRINTING	KAYBE Control & Security Cable 100% copper Shileded (AL6400SH) Shielded 001Y..
LENGTH	305 METERS (1000FT)

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
AL6400SH	6CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	100Yards (300Ft)
AL6400SH-305	6CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	305Meters (1000Ft)