



KAYBE®

Right transmission for the future

BMS CABLES

Reliable cabling solutions for seamless communication, control & sound.



SECURITY & COMMERCIAL AUDIO CABLES



HIGH PERFORMANCE WITH MULTI-TWIST DESIGN



2 CONDUCTORS OXYGEN FREE COPPER



USED FOR INDOOR & OUTDOOR SPEAKERS



COMMERCIAL BUILDINGS



SECURITY SYSTEMS



BMS & CONTROL SYSTEMS



PUBLIC ADDRESS SYSTEMS



INDUSTRIAL APPLICATIONS

PRODUCT CATALOG

<https://kaybenetworking.com/bms-control-speaker-cables/>





BMS CABLES

1. 2CORES 22AWG BMS & AUDIO CABLES CMR, LSZH - SHIELDED
2. 2CORE 18AWG CABLES CMR, LSZH - SHIELDED
3. 2CORE 16AWG CABLES CMR, LSZH - SHIELDED
4. 2CORE 16AWG CABLES - OUTDOOR SERIES
5. 2CORE 14AWG CABLES CMR, LSZH - SHIELDED
6. 2CORES 12AWG SPEAKER CABLES - CMR, LSZH - SHIELDED
7. 2CORES DUAL SHIELDED CABLE - STRANDED COPPER
8. 3 CORES - 2.50 SQ.MM FLEXIBLE BARE COPPER CABLE
9. 3 CORES - 1.50 SQ.MM FLEXIBLE BARE COPPER CABLE
10. 3CORES 22AWG BMS & AUDIO CABLES CMR - SHIELDED
11. 3CORES 20AWG BMS & AUDIO CABLES CMR - SHIELDED
12. 3CORES 18AWG SPEAKER CABLES FR-PVC, LSZH - SHIELDED
13. 3CORES 16AWG SPEAKER CABLES FR-PVC, LSZH - SHIELDED
14. 3CORES 14AWG SPEAKER CABLES FR-PVC, LSZH - SHIELDED
15. 4 CORES CONTROL & SECURITY CABLE - 18AWG SHIELDED
16. 4 CORES 12AWG PRO-SOUND SHIELDED CABLE
17. 4 CORES RVVP CABLE - SHIELDED 0.75MM²
18. 6 CORES CONTROL & SECURITY CABLE - 22AWG SHIELDED
19. 6 CORES CONTROL & SECURITY CABLE - 18AWG SHIELDED



BMS CABLES

20. 8 CORES CONTROL & SECURITY CABLE - 22AWG SHIELDED

21. 8 CORES CONTROL & SECURITY CABLE - 18AWG SHIELDED

22. SINGLE PAIR (2 CORES) KNX/EIB, SHIELDED, LSZH JACKET
CABLE

23. 2PAIRS, QUAD, 20AWG KNX / EIB CABLE, LSZH INSULATED &
SHEATHED

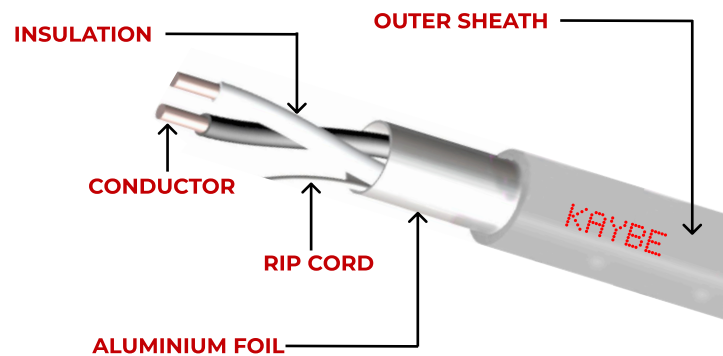


2CORES 22AWG BMS & AUDIO CABLES, CMR, LSZH - SHIELDED

PRODUCT NO.: BMS/2050SH

DESCRIPTION: Available in CMR, LSZH Jackets

The KAYBE 2-Core 22AWG Shielded BMS & Audio Cable ensures precise signal transmission with shielding to reduce interference. Designed with CMR and LSZH-rated jacketing, it offers fire safety, low smoke, and halogen-free performance. Perfect for building management systems and professional audio installations.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M x 2 Rolls per box Wooden Roll / box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Bare Copper
AWG	22 AWG
Structure	7x30 (0.25mm)
INSULATION	
Material	FR-PVC
Average Thickness	0.30mm
Diameter	1.35mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black: RAL9005 2. Red Color: RAL3000
SHIELDING	
Material	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x30 (22awg)
OUTER JACKET	
Material	UL CMR-PVC
Average Thickness	0.45+0.3mm
Diameter	3.8 + 0.2mm CMR PVC
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/2050SH) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	14ohms/1M1 Nom
Capacitance Between conductor to Shield1Khz	60 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/2050SH	2CORES 22AWG, SPEAKER CABLES, CMR PVC, SHIELED	Grey	18kg/km
BMS/2050LS	2CORES 22AWG, SPEAKER CABLES, LSZH, SHIELED	Purple	20kg/km

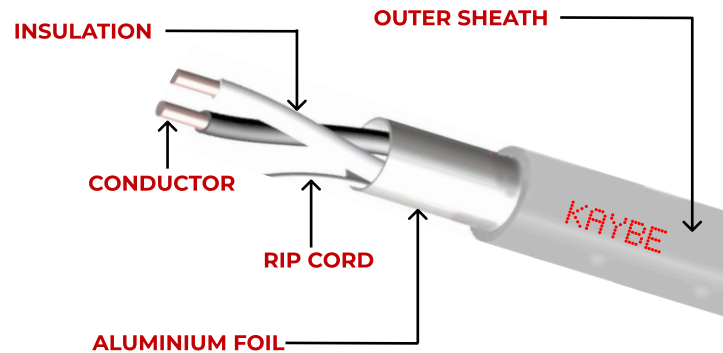


2CORE 18AWG CABLES - CMR, LSZH - SHIELDED

PRODUCT NO.: BMS/2100SH

DESCRIPTION: Available in CMR, LSZH Jackets

The KAYBE 2-Core 18AWG Shielded Speaker Cable delivers superior audio clarity with shielding to minimize interference. Featuring CMR, LSZH, and HFFR-rated jacketing, it ensures fire safety, low smoke, and halogen-free performance. Ideal for professional audio setups in residential, commercial, and public spaces.



STANDARD REFERENCES

UL Rating	CMR, LSZH
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores (1 Pair)
Material	Bare Copper
AWG	18 AWG
Structure	7x26 (0.40mm)
INSULATION	
Material	PE
Average Thickness	0.30mm
Diameter	1.80mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black: RAL9005 2. Red: RAL3000
SHIELDING	
Polytape	100% Coverage
Alu Tape Foil	100% Coverage
Drain Wire	7x30awg tinned copper
OUTER JACKET	
Material	UL Rated PVC
Average Thickness	0.43mm
Diameter	4.30 + 0.2mm CMR PVC
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/2100) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	22 Ω/KM max
Capacitance Between conductor to Shield1Khz	70 pF/m

PHYSICAL PROPERTIES

Deformation Test	50% Maximum (80 ± 20C X 4 hrs)
Heat Shock Test	(100 ± 20C X 2 hrs (No Cracks)
Shrinkage Test	4% Maximum at 100 ± 20C for 15 Minutes
Cold Ben Test	(-15 ± 20C X 4 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
BMS/2100SH	2CORES 18AWG, SPEAKER CABLES, CMR PVC, SHIELDED	Grey	26kg/km
BMS/2100LS	2CORES 18AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	27.6kg/km



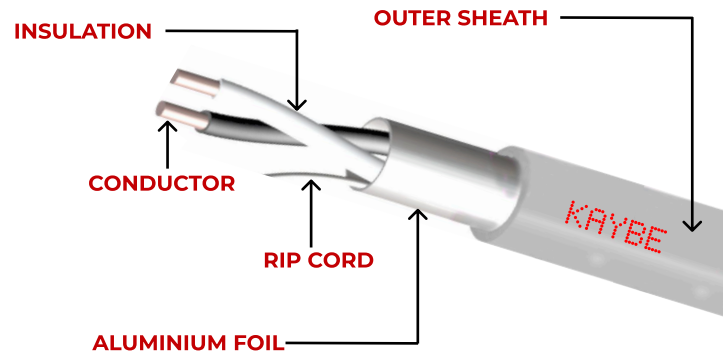
2CORE 16AWG CABLES - CMR, LSZH, SHIELDED

PRODUCT NO.: BMS/2150

DESCRIPTION: Available in CMR, LSZH Jackets

16AWG is up to 1.5 sq.mm

The KAYBE 2-Core 16AWG Shielded Speaker Cable ensures exceptional audio clarity with shielding to reduce interference. Its CMR, LSZH, and HFFR-rated jacketing provides fire safety, low smoke emissions, and halogen-free performance. Ideal for high-quality audio installations in residential, commercial, and public spaces.



STANDARD REFERENCES

UL Rating	CMR, LSZH, FR-PVC, HFFR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Stranded Oxygen Free Copper
AWG	16 AWG
Structure	26x29
INSULATION	
Material	PE
Average Thickness	0.50mm
Diameter	2.20mm
RIP Cord	Yes, Nylon
PE Color	Black & Red
Polytape Shielding	100% Coverage
Outer Foil	100% Aluminum Coverage
Drain Wire	22awg Tinned Copper
OUTER JACKET	
Material	LSZH / UL CMR
Average Thickness	0.45mm
Diameter	5.40 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/2150) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	14ohms/1M1 Nom
Capacitance Between conductor to Shield1Khz	60pF/ft Nom.

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/2200SH	2CORES 14AWG, SPEAKER CABLES, CMR PVC, SHIELDED	Grey	34kg/km
BMS/2200LS	2CORES 14AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	35.6kg/km



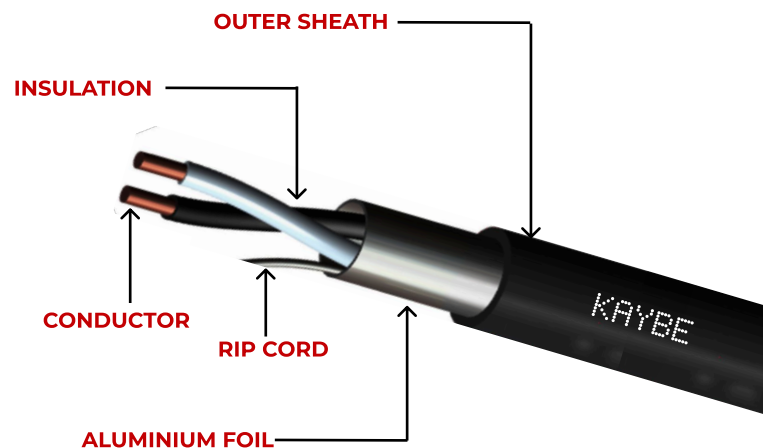
2CORE 16AWG CABLES - OUTDOOR SERIES

PRODUCT NO.: BMS/2150PE

DESCRIPTION: Outdoor UV RATED Jacket

16AWG is up to 1.5 sq.mm

The KAYBE 2-Core 16AWG Outdoor Series Cable is designed for durability and reliable performance in outdoor environments. Built with weather-resistant materials, it ensures consistent signal transmission for audio and power applications. Perfect for outdoor speakers, security systems, and other external installations.



STANDARD REFERENCES

UL Rating	UV PE Jacket
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Stranded Oxygen Free Copper
AWG	16 AWG
Structure	26x29
INSULATION	
Material	PE
Average Thickness	0.20mm
Diameter	2.20mm
RIP Cord	Yes, Nylon
PE Color	Black & White
Polytape Shielding	100% Coverage
Outer Foil	100% Aluminum Coverage
Drain Wire	22awg Tinned Copper
OUTER JACKET	
Material	UV PE
Average Thickness	0.45mm
Diameter	5.40 + 0.2mm
Color	Black
PRINTING	KAYBE Speaker & Control Cable (BMS/2150PE) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	14ohms/1M1 Nom
Capacitance Between conductor to Shield1Khz	60pF/ft Nom.

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/2150UVPE	2CORES 16AWG, SPEAKER CABLES, UVPE, SHIELDED	Grey	34kg/km

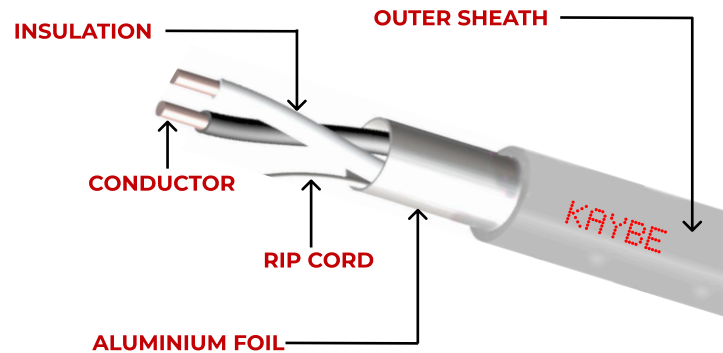


2CORE 14AWG CABLES - CMR, LSZH - SHIELDED

PRODUCT NO.: BMS/2200

DESCRIPTION: 100% OXYGEN FREE COPPER up to 2.5mm²

The KAYBE 2-Core 14AWG Shielded Speaker Cable delivers outstanding audio quality with shielding to minimize interference. Featuring CMR, LSZH, and HFFR-rated jacketing, it ensures fire safety, low smoke emissions, and halogen-free performance. Ideal for professional audio systems in residential, commercial, and public installations.



STANDARD REFERENCES

UL Rating	CMR, LSZH
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M x 1 Rolls per box Wooden Roll / box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Bare Copper
AWG	14 AWG
Structure	42x30 (0.25mm)
INSULATION	
Material	Low Smoke Halogen Free
Average Thickness	0.80mm
Diameter	2.90mm+0.05mm
RIP Cord	Yes, Nylon
PE Color	1. Black: RAL9005 2. Red: RAL3020
SHIELDING	
Polytape Shielding	100% Coverage
Alu Tape Foil	100% Coverage
Drain Wire	7x30 Tinned Copper (22awg)
OUTER JACKET	
Material	LSZH / UL CMR
Average Thickness	0.45 + 0.3mm
Diameter	6.9 + 0.2mm LSZH PVC
Color	Grey RAL7001
PRINTING	KAYBE Speaker & Control Cable (BMS/2200) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	14ohms/1M1 Nom
Capacitance Between conductor to Shield1Khz	70pF/m

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/2200SH	2CORES 14AWG, SPEAKER CABLES, CMR PVC, SHIELDED	Grey	71kg/km
BMS/2200LS	2CORES 14AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	73.6kg/km

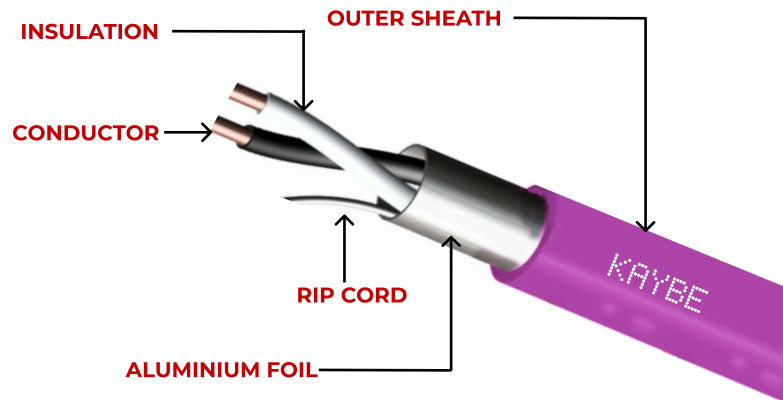


2CORES 12AWG CABLES, CMR, LSZH - SHIELDED

PRODUCT NO.: BMS/2350

DESCRIPTION: 100% OXYGEN FREE COPPER up to 3.5mm²

The KAYBE 2-Core 12AWG Shielded Speaker Cable provides superior audio quality with shielding to reduce interference and ensure clear sound transmission. Featuring CMR and LSZH-rated jacketing, it offers fire safety, low smoke, and halogen-free performance. Ideal for high-performance audio systems in residential, commercial, and industrial environments.



STANDARD REFERENCES

UL Rating	CMR, LSZH
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M x 1 Rolls per box Wooden Roll / box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Bare Copper / Tinned Copper
AWG	12 AWG
Structure	19x25
INSULATION	
Material	Low Smoke Halogen Free
Average Thickness	0.80mm
Diameter	3.1mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black: RAL9005 2. Red Color: RAL3020
SHIELDING	
Polytape Shielding	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x28 tinned copper (20awg)
OUTER JACKET	
Material	LSZH / UL CMR
Average Thickness	0.45+0.3mm
Diameter	7.3 + 0.2mm LSZH PVC
Color	Grey RAL7001
PRINTING	KAYBE BMS & Control Cable (BMS/2350) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	14ohms/1M1 Nom
Capacitance Between conductor to Shield1Khz	70 pF/m

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/2350SH	2CORES 12AWG, SPEAKER CABLES, CMR PVC, SHIELDED	Grey	82kg/km
BMS/2350LS	2CORES 12AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	85kg/km



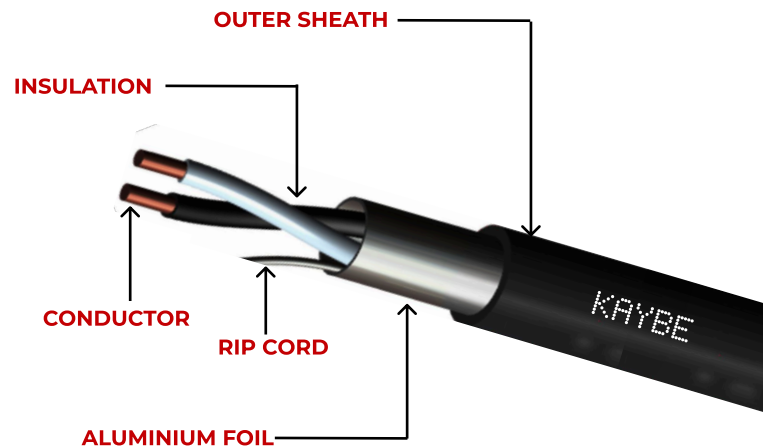
2CORE DUAL SHIELDED CABLE - STRANDED COPPER

PRODUCT NO.: MIC200/2CSTR

DESCRIPTION: 100% BARE COPPER, shielded yarn cable

The KAYBE 2-Core Dual Shielded Cable with stranded copper conductors ensures exceptional signal integrity and durability. Its dual shielding minimizes interference, making it ideal for audio, communication, and control applications. Perfect for environments requiring reliable and high-quality performance.

It is highly recommended as a *Microphone Cable and can be available in 4 colors*



STANDARD REFERENCES

UL Rating	FR-PVC
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	100M Wooden Spool x 2 Drums per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	2 Cores
Material	Ofc Bare Copper
AWG	22 AWG
Structure	20x34AWG
INSULATION	
Material	PVC
Average Thickness	0.50mm
Diameter	1.80mm + 0.10mm
RIP Cord	Yes, Nylon
PE Color	1. Black: RAL9005 2. Red Color: RAL3020
SHIELDING	
Braid Shield	70% bare copper
Alu Tape Foil	100% coverage
Filler	Cotton Yarn
OUTER JACKET	
Material	UL Rated PVC
Average Thickness	1.35mm
Diameter	7.0 + 0.2mm CMR PVC
Color	Black
PRINTING	KAYBE MICROPHONE Cable (MIC2022) 100M..
LENGTH	100METERS (305FT)

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	22 Ω/KM max
Capacitance Between conductor to Shield1Khz	70 pF/m

PHYSICAL PROPERTIES

Deformation Test	50% Maximum (80 ± 20C X 4 hrs)
Heat Shock Test	(100 ± 20C X 2 hrs (No Cracks)
Shrinkage Test	4% Maximum at 100 ± 20C for 15 Minutes
Cold Ben Test	(-15 ± 20C X 4 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
MIC2002/2C-100	2CORES 22AWG, DUAL SHIELDED CABLES	Black	100meters
MIC2002/2C-305	2CORES 22AWG, DUAL SHIELDED CABLES	Black	305meters

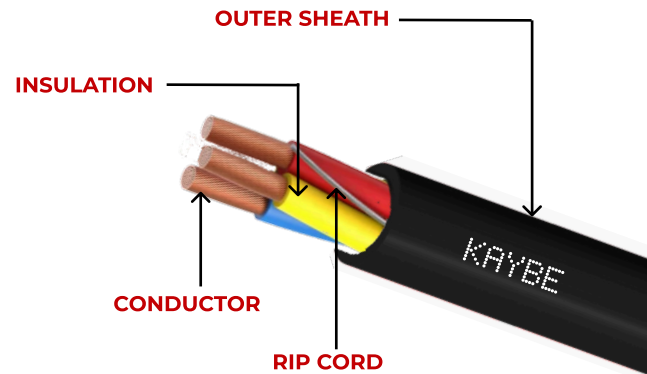


3 CORE - 2.50 SQ.MM FLEXIBLE BARE COPPER CABLE

PRODUCT NO.: FL3CO2.5W

DESCRIPTION: 0.5mm² to 4mm² -318-Y and 6.0mm² to 25 mm²-638-Y

The KAYBE 3-Core 2.50 Sq.mm Flexible Bare Copper Cable delivers excellent conductivity and durability for reliable power and signal transmission. Its flexible design ensures easy installation, even in tight spaces. Ideal for industrial, commercial, and residential wiring applications.



STANDARD REFERENCES

Standards	BS 6500 Euroclass Eca / TS9760 HD 21.5.S3-VDE 0281-5-IEC60227-5
Certification	CE, ROHS certified

PACKAGING

Packaging	100 Yards Roll
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CONSTRUCTION DATA SHEET

CONDUCTOR	
Conductor	3 Cores
Material	Flexible plain copper Class 5 to BS6360 Copper
Cross section	2.50mm2
Diameter	50/0.25mm
INSULATION	
Material	PVC
Average Thickness	0.80mm
Diameter	1.95 ± 0.10 mm
RIP Cord	Not Available
Colors	Brown, Blue, Green/Yellow
LAY TYPE	
Laid Up	All of the 3 Cores twisted together with suitable lay
SHIELDING	
Polytape	Not Available
Alu Tape Foil + Shielding Al Mylar Tape	Not Available
Braiding	Not Available
Separator Over Braiding	Not Available
Drain Wire	Not Available
OUTER JACKET	
Material	Flame Retardant PVC
Average Thickness	1.0mm
Diameter	9.80mm
Color	White or Black
PRINTING	
Kaybe 3Core 2.50Sq.mm Flexible Cable ROHS Certified 001M ...	
LENGTH	
100Yards/305meters	

ELECTRICAL PARAMETERS

Temperature Rating	-10°C To +70°C
Operating Voltage	0.5mm2 to 4mm2 -300/500V 6.0mm2 to 25mm2 -600/1000V
Dc Resistance: 20°C	7.98Ohms/Km
Elongation	200%

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
FL3CO2.5W-100	3CORES FLEX CABLE, 2.50MM2 FR-PVC, H05VV-F	White	100Yards (300Ft)
FL3CO2.5W-305	3CORES FLEX CABLE, 2.50MM2 FR-PVC, H05VV-F	White	305Meters (1000Ft)

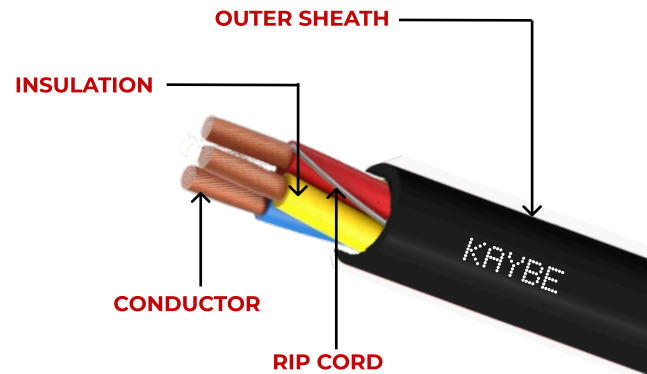


3 CORE - 1.50 SQ.MM FLEXIBLE BARE COPPER CABLE

PRODUCT NO.: FL3CO1.5W

DESCRIPTION: 0.5mm² to 4mm² -318-Y and 6.0mm² to 25 mm²-638-Y

The KAYBE 3-Core 1.50 Sq.mm Flexible Bare Copper Cable offers reliable power and signal transmission with excellent conductivity. Its flexible design ensures easy handling and installation in various setups. Perfect for residential, commercial, and light industrial applications.



STANDARD REFERENCES

Standards	BS 6500 Euroclass Eca / TS9760 HD 21.5.S3-VDE 0281-5-IEC60227-5
Certification	CE, ROHS certified

PACKAGING

Packaging	100 Yards Roll
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CONSTRUCTION DATA SHEET

CONDUCTOR	
Conductor	3 Cores
Material	Tin Flexible plain copper Class 5 to BS6360 Copper
Cross section	2.50mm2
Diameter	30/0.25mm
INSULATION	
Material	PVC
Average Thickness	0.70mm
Diameter	1.95 ± 0.10 mm
RIP Cord	Not Available
Colors	Brown, Blue, Green/Yellow
LAY TYPE	
Laid Up	All of the 3 Cores twisted together with suitable lay
SHIELDING	
Polytape	Not Available
Alu Tape Foil + Shielding Al Mylar Tape	Not Available
Braiding	Not Available
Separator Over Braiding	Not Available
Drain Wire	Not Available
OUTER JACKET	
Material	Flame Retardant PVC
Average Thickness	1.0mm
Diameter	9.80mm
Color	White or Black
PRINTING	
Kaybe 3Core 2.50Sq.mm Flexible Cable ROHS Certified 001M ...	
LENGTH	
100Yards	

ELECTRICAL PARAMETERS

Temperature Rating	-10°C To +70°C
Operating Voltage	300V, 500V
Dc Resistance: 20°C	13.30 Ohms/Km
Elongation	200%

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
FL3CO1.5W-100	3CORES FLEX CABLE, 1.50MM2 FR-PVC, H05VV-F	White	100Yards (300Ft)
FL3CO1.5W-305	3CORES FLEX CABLE, 1.50MM2 FR-PVC, H05VV-F	White	305Meters (1000Ft)

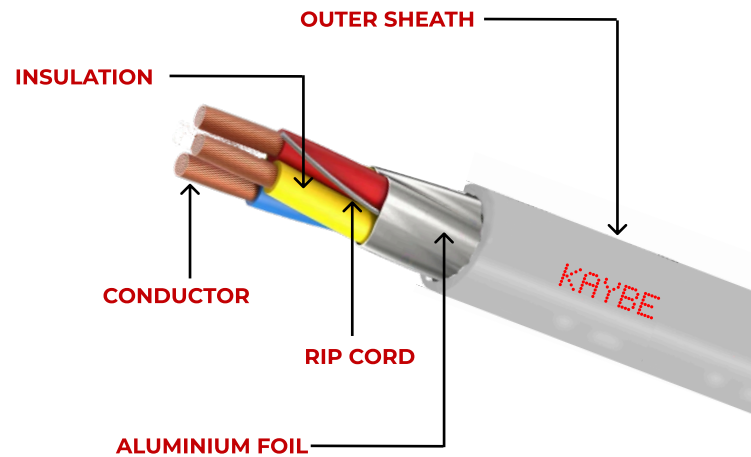


3CORES 22AWG SHIELDED CABLES - CMR, PVC, LSZH

PRODUCT NO.: BMS/3050

DESCRIPTION: Stranded copper cables for BMS & Audio

The KAYBE 3-Core 22AWG BMS & Audio Cable ensures precise signal transmission with shielding to minimize interference. Featuring CMR-rated jacketing, it offers enhanced fire safety and durability. Ideal for building management systems and professional audio installations in demanding environments.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
Weight	5 Kg/roll

CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	3 Cores
Material	Bare Copper
AWG	22 AWG
Structure	7x30 (0.25mm)
INSULATION	
Material	PE
Average Thickness	0.30mm
Diameter	1.3mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black Color 2. Red Color 3. White Color
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x30 (22awg)
OUTER JACKET	
Material	CMR, FR-PVC, LSZH
Average Thickness	0.83mm
Diameter	4.5 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/3050) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Tensile Strength N/mm2	10.00 (Min.)
Elongation %	100 (Min.)
Heat Shock 150±20C for 1 hrs.	No Crack
Hot Deformation (75±20C for 4hrs)	50 (Max)
Cold Bend -20± 20C Deg. C for (2~3 Hrs.)	No Crack
Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	51.2 Ω/km
Capacitance Between conductor to Shield1Khz	125 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/3050SH	3CORES 22AWG, SPEAKER CABLES, FR PVC, SHIELDED	Grey	19.7kg/km
BMS/3050SH-LS	3CORES 22AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	22kg/km
BMS/3050SH-UL	3CORES 22AWG, SPEAKER CABLES, CMR UL, SHIELDED	Grey	22kg/km

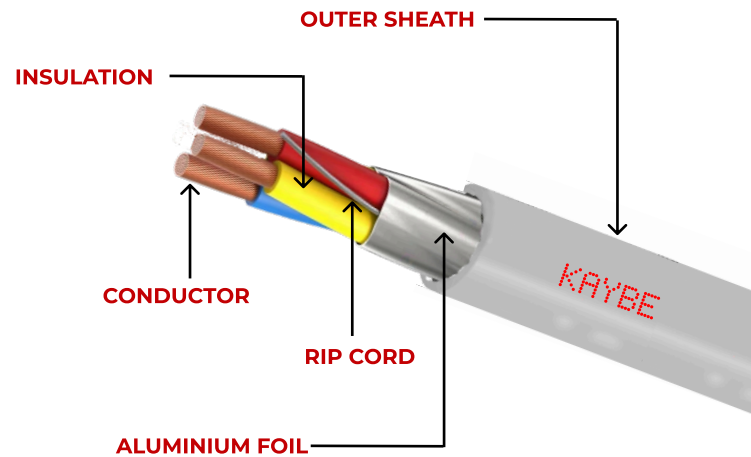


3CORES 20AWG SHIELDED CABLES - CMR, PVC, LSZH

PRODUCT NO.: BMS/3075

DESCRIPTION: Stranded copper cables for BMS & Audio

The KAYBE 3-Core 20AWG BMS & Audio Cable provides reliable signal transmission with shielding to reduce interference and ensure clarity. Its CMR-rated jacketing enhances fire safety and durability, making it suitable for indoor installations. Perfect for building management systems and high-quality audio applications.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
Weight	5 Kg/roll

CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	3 Cores
Material	Bare Copper
AWG	20 AWG
Structure	7x28 (0.21mm)
INSULATION	
Material	PE
Average Thickness	0.45mm
Diameter	1.3mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black Color 2. Red Color 3. White Color
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x28 (24awg)
OUTER JACKET	
Material	fr-PVC, LSZH
Average Thickness	0.83mm
Diameter	4.5 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/3075) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Tensile Strength N/mm2	10.00 (Min.)
Elongation %	100 (Min.)
Heat Shock 150±20C for 1 hrs.	No Crack
Hot Deformation (75±20C for 4hrs)	50 (Max)
Cold Bend -20± 20C Deg. C for (2~3 Hrs.)	No Crack
Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	51.2 Ω/km
Capacitance Between conductor to Shield1Khz	125 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/3075SH	3CORES 20AWG, SPEAKER CABLES, FR PVC, SHIELDED	Grey	25kg/km
BMS/3075SH-LS	3CORES 20AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	26kg/km

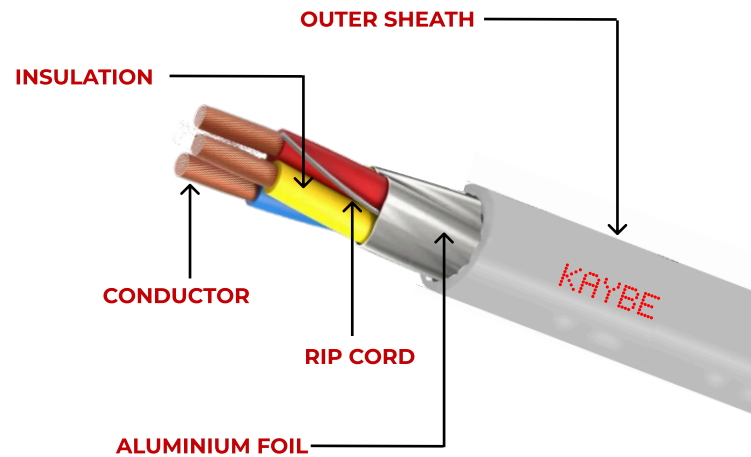


3CORES 18AWG SHIELDED CABLES - FR- PVC, LSZH

PRODUCT NO.: BMS/3100

DESCRIPTION: Stranded copper cables for BMS & Audio

The KAYBE 3-Core 18AWG Shielded Speaker Cable delivers superior audio performance with shielding to minimize interference. Featuring FR-PVC and LSZH-rated jacketing, it ensures fire resistance, low smoke, and halogen-free safety. Ideal for professional audio setups in residential, commercial, and public spaces.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
Weight	5 Kg/roll

CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	3 Cores
Material	Bare Copper
AWG	18 AWG
Structure	7x26
INSULATION	
Material	PE
Average Thickness	0.45mm
Diameter	1.65mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black Color 2. Red Color 3. White Color
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x28 (24awg)
OUTER JACKET	
Material	FR-PVC, LSZH
Average Thickness	0.83mm
Diameter	4.7 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/3100) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Tensile Strength N/mm2	10.00 (Min.)
Elongation %	100 (Min.)
Heat Shock 150±20C for 1 hrs.	No Crack
Hot Deformation (75±20C for 4hrs)	50 (Max)
Cold Bend -20± 20C Deg. C for (2~3 Hrs.)	No Crack
Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	51.2 Ω/km
Capacitance Between conductor to Shield1Khz	125 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/3100SH	3CORES 18AWG, SPEAKER CABLES, FR PVC, SHIELDED	Grey	42kg/km
BMS/3100SH-LS	3CORES 18AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	43kg/km

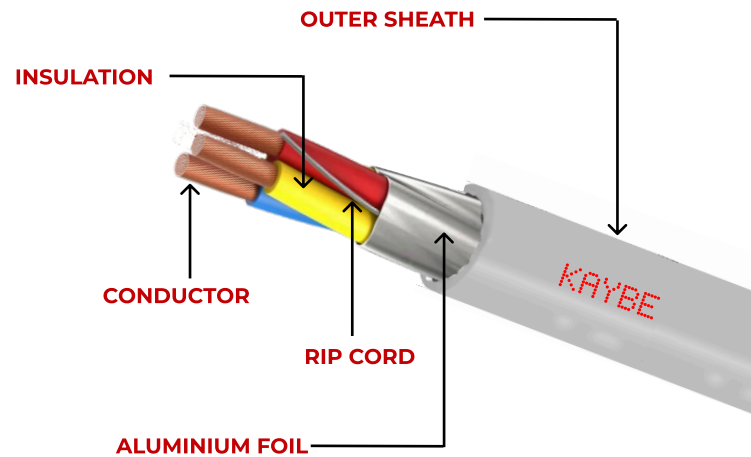


3CORES 16AWG SHIELDED CABLES - FR- PVC, LSZH

PRODUCT NO.: BMS/3150

DESCRIPTION: Stranded copper cables for BMS & Audio

The KAYBE 3-Core 16AWG Shielded Speaker Cable ensures premium audio clarity with shielding to reduce interference. Built with FR-PVC and LSZH-rated jacketing, it provides fire resistance, low smoke emissions, and halogen-free safety. Perfect for high-quality audio installations in residential, commercial, and industrial environments.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
Weight	5 Kg/roll

CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	3 Cores
Material	Bare Copper
AWG	16 AWG
Structure	19x29
INSULATION	
Material	PE
Average Thickness	0.40mm
Diameter	1.75mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black Color 2. Red Color 3. White Color
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x30 (22awg)
OUTER JACKET	
Material	FR-PVC, LSZH
Average Thickness	0.83mm
Diameter	5.10 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/3150) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Tensile Strength N/mm2	10.00 (Min.)
Elongation %	100 (Min.)
Heat Shock 150±20C for 1 hrs.	No Crack
Hot Deformation (75±20C for 4hrs)	50 (Max)
Cold Bend -20± 20C Deg. C for (2~3 Hrs.)	No Crack
Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	51.2 Ω/km
Capacitance Between conductor to Shield1Khz	125 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/3150SH	3CORES 16AWG, SPEAKER CABLES, FR PVC, SHIELDED	Grey	52kg/km
BMS/3150SH-LS	3CORES 16AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	54kg/km

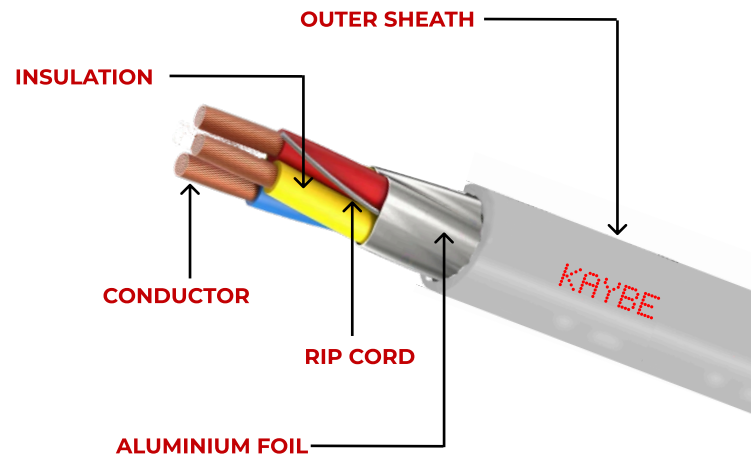


3CORES 14AWG SHIELDED CABLES - FR- PVC, LSZH

PRODUCT NO.: BMS/3200

DESCRIPTION: Stranded copper cables for BMS & Audio

The KAYBE 3-Core 14AWG Shielded Speaker Cable delivers exceptional sound quality with shielding to protect against interference. Featuring FR-PVC and LSZH-rated jacketing, it ensures fire resistance, low smoke, and halogen-free performance. Ideal for professional audio systems in residential, commercial, and industrial applications.



STANDARD REFERENCES

UL Rating	CMR
UL Flammability	UL 1666 Vertical Shift
ISO/IEC Flammability	IEC 60332-1
UL Voltage Rating	300V RMS
Certification	CE ROHS certified

PACKAGING

Packaging	305M Wooden Spool x 2 Drums per box
Weight	5 Kg/roll

CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	3 Cores
Material	Bare Copper
AWG	14 AWG
Structure	19x27
INSULATION	
Material	PE
Average Thickness	0.40mm
Diameter	1.8mm + 0.05 mm
RIP Cord	Yes, Nylon
PE Color	1. Black Color 2. Red Color 3. White Color
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7x30 (22awg)
OUTER JACKET	
Material	FR-PVC, LSZH
Average Thickness	0.83mm
Diameter	7.00 + 0.2mm
Color	Grey
PRINTING	KAYBE Speaker & Control Cable (BMS/3200) 305M..
LENGTH	305METERS (1000FT)

ELECTRICAL & MECHANICAL PARAMETERS

Tensile Strength N/mm2	10.00 (Min.)
Elongation %	100 (Min.)
Heat Shock 150±20C for 1 hrs.	No Crack
Hot Deformation (75±20C for 4hrs)	50 (Max)
Cold Bend -20± 20C Deg. C for (2~3 Hrs.)	No Crack
Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	51.2 Ω/km
Capacitance Between conductor to Shield1Khz	125 pF/ft Nom

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	COLOR	WEIGHT
BMS/3200SH	3CORES 14AWG, SPEAKER CABLES, FR PVC, SHIELDED	Grey	82kg/km
BMS/3200SH-LS	3CORES 14AWG, SPEAKER CABLES, LSZH, SHIELDED	Purple	84kg/km

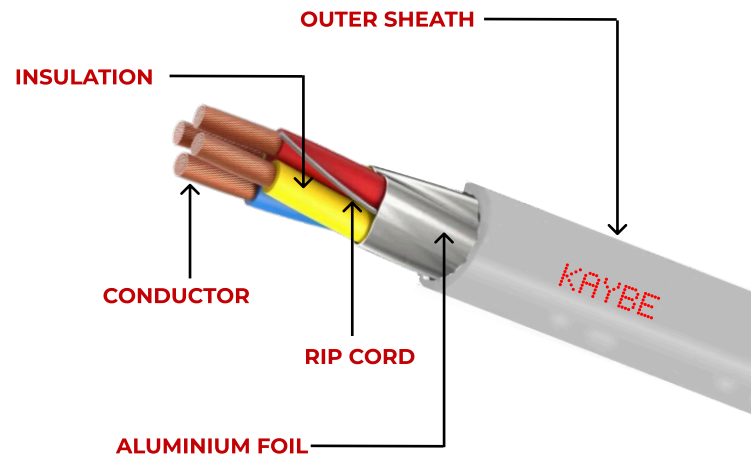


4 CORES CONTROL & SECURITY CABLE, 18AWG SHIELDED

PRODUCT NO.: AL4400SH

DESCRIPTION: 18AWG CABLE STRONG CABLE

The KAYBE 4-Core Shielded Control & Security Cable offers enhanced signal integrity with shielding to minimize interference. Designed for control systems and security applications, it ensures reliable performance in demanding environments. Perfect for residential, commercial, and industrial installations requiring robust connectivity.



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) OR 2 Rolls of wooden reel 305meters per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	4 Cores
Material	Annealed Bare Copper
Cross Section	18awg
Structure	7*0.4mm²
INSULATION	
Material	PVC
Average Thickness	0.45mm
Diameter	1.80 ± 0.10 mm
RIP Cord	Yes, Nylon
PE Color	Red, Black, Blue, Yellow
LAY TYPE	
Laid Up	All of the 4 Cores twisted together with suitable lay
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	24AWG BC
OUTER JACKET	
Material	LSZH / CMR PVC
Average Thickness	0.50mm
Diameter	5 +/- 0.30MM
Color	Grey
PRINTING	KAYBE (AL4400) SHIELDED SECURITY ALARM CABLE 18AWG 4 CORE 100% Copper 001Y... 100Y
LENGTH	100Yards (Up to 92m)

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
AL4400SH	4CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	100Yards (300Ft)
AL4400SH-305	4CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	305Meters (1000Ft)

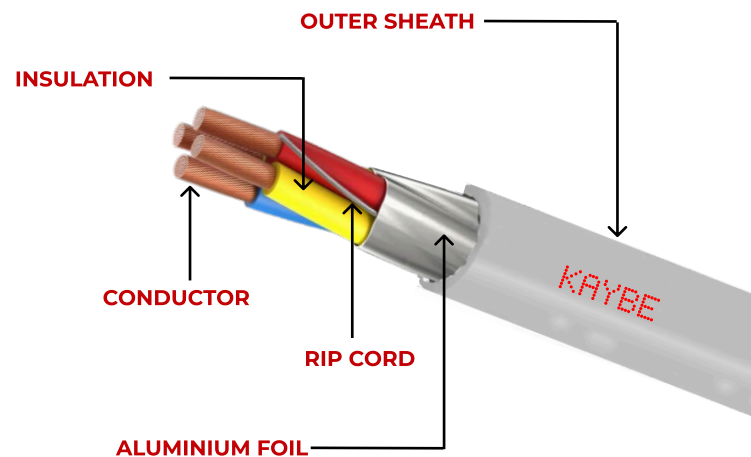


4 CORES 12AWG PRO-SOUND SHIELDED CABLE

PRODUCT NO.: BMS/4000SH

DESCRIPTION: 4cores 12awg Commercial Audio & Security cable
made with Bare copper conductors & LSZH Jacket

The KAYBE 4 Cores 12AWG Pro-Sound Shielded Cable offers enhanced signal integrity with shielding to minimize interference. Designed for control systems and security applications, it ensures reliable performance in demanding environments. Perfect for residential, commercial, and industrial installations requiring robust connectivity.



STANDARD REFERENCES

Flame Retardant	BS EN 60332-1-2
Low Smoke Standard	BS EN 61034-2
RoHS Compliant	Yes
CE Compliant	Yes
CPR Classification	Eca EN 50575

PACKAGING

Packaging	305Meters & 500Meter Wooden Drum Roll 1 Drum / Corrugated Box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	4 Cores
Material	Tinned Copper / BC
Cross Section	4MM2
Structure	56x29
INSULATION	
Material	XLPE / PE
Average Thickness	0.6
Diameter	3.80 ± 0.10 mm
RIP Cord	Yes, Nylon
PE Color	Red, Black, Blue, Green
LAY TYPE	
Laid Up	All of the 4 Cores twisted together with suitable lay
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	Tinned Copper - 18AWG
OUTER JACKET	
Material	LSZH
Average Thickness	0.70mm
Diameter	11.0 +/- 0.30MM
Color	Black
PRINTING	KAYBE (BMS/4000SH) PRO SOUND SHIELDED 4CORE 12AWG CABLE....
LENGTH	305Meters Or 500Meters

ELECTRICAL PARAMETERS

Temperature Rating	-20°C To +75°C
Operating Voltage	300V RMS Max.
Dc Resistance	≤4.80Ω/km
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
BMS/4000SH	PRO SOUND 4CORE SHIELDED, 12AWG, LSZH PE, ADVANCED	Black	305Meters (1000Ft)

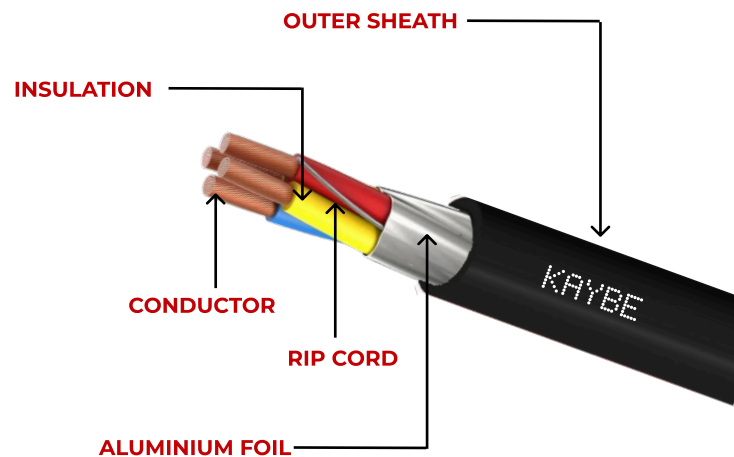


4 CORES RVVP CABLE - SHIELDED 0.75MM2

PRODUCT NO.: 4 CORE (0.75-4) RVVP

DESCRIPTION: upto 18awg

The KAYBE 4 Cores RVVP Cable - Shielded 0.75mm² ensures reliable signal transmission with shielding to reduce interference. Its bare copper conductors provide excellent conductivity and durability. Ideal for control systems, security applications, and audio setups in various environments.



STANDARD REFERENCES

Certification	CE, ROHS certified
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PACKAGING

Packaging	100 Meter Roll Or 2 Rolls of wooden reel 305meters per box
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CONSTRUCTION DATA SHEET

CONDUCTOR	
Conductor	4 Cores
Material	Tin copper
Cross section	0.75mm ²
Diameter	24/0.20mm
INSULATION	
Material	PVC
Average Thickness	0.40mm
Diameter	1.95 ± 0.10 mm
RIP Cord	Yes, Nylon
Colors	Brown, Blue, Black and Yellow Green
LAY TYPE	
Laid Up	All of the 4 Cores twisted together with suitable lay
SHIELDING	
Polytape	100% coverage separator on each cores
Alu Tape Foil + Shielding Al Mylar Tape	Available
Braiding	70% Coverage 100% COPPER BRAIDING
Separator Over Braiding	Polyster Tape
Drain Wire	Not Available
OUTER JACKET	
Material	Flame Retardant PVC
Average Thickness	0.80mm
Diameter	6.70+/- 0.30MM
Color	Black or Grey
PRINTING	
KAYBE RVVP (4CORE) 0.75-4 SHIELDED CABLE ROHS CERTIFIED 001M ...	
LENGTH	
100meters or 305meters	

ELECTRICAL PARAMETERS

Temperature Rating	-10°C To +70°C
Operating Voltage	500V per minute max
Dc Resistance: 20°C	26 Ohms/Km
Elongation	200%

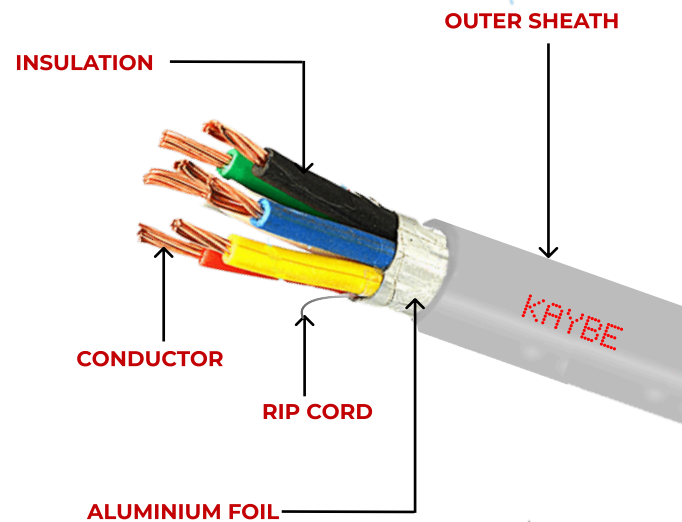


6 CORES CONTROL & SECURITY CABLES, 22AWG SHIELDED

PRODUCT NO.: AL6300SH - 22awg

DESCRIPTION: 100% OXYGEN FREE COPPER

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	FR-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	6core*0.22mm²
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	100% coverage
Drain Wire	7X0.20mm (24awg)
OUTER JACKET	
Material	FR-PVC
Average Thickness	0.68mm±0.03mm
Diameter	5.0+/- 0.30MM
Color	Grey
PRINTING	KAYBE Control & Security Cable 100% copper Shileded (AL6300SH) Shielded 001Y..
LENGTH	100yards (up to 92m)

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
AL6300SH	6CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	100Yards (300Ft)
AL6300SH-305	6CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	305Meters (1000Ft)

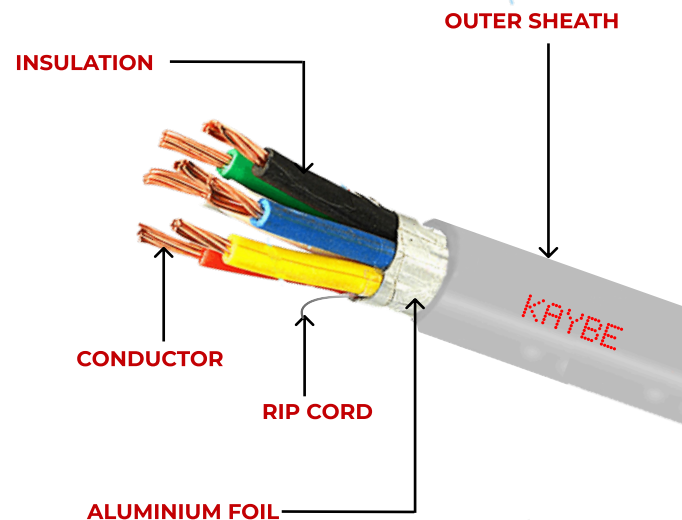


6 CORES CONTROL & SECURITY CABLE - 18AWG, SHIELDED

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)

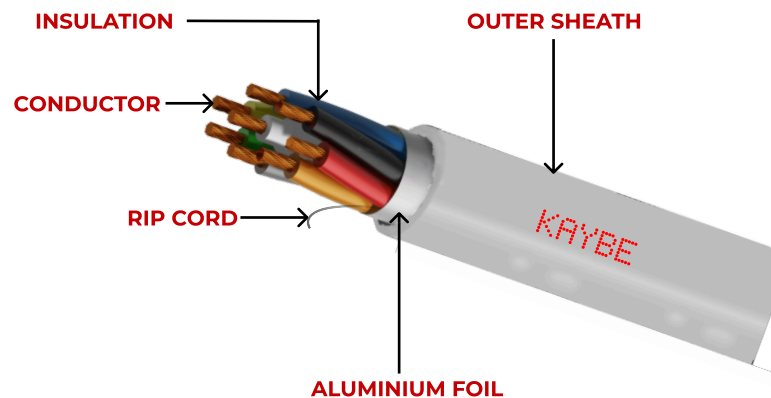


8 CORES CONTROL & SECURITY CABLES, 22AWG SHIELDED

PRODUCT NO.: AL8300SH

DESCRIPTION: 22AWG

The KAYBE 8-Core Shielded Control & Security Cable provides superior signal protection with shielding to reduce interference. Designed for advanced control and security systems, it ensures reliable and consistent performance. Ideal for demanding residential, commercial, and industrial installations.



STANDARD REFERENCES

UL Rating	FR-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) OR 2 Rolls of wooden reel 305meters per box
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CONSTRUCTION DATA SHEET

Item	Audio & Security Cable
CONDUCTOR	
Conductor	8 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 8 Cores twisted together with suitable lay
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7X0.20mm (24awg)
OUTER JACKET	
Material	FR-PVC
Average Thickness	0.68mm±0.03mm
Diameter	5.8+/- 0.30MM
Color	Grey
PRINTING	KAYBE Control & Security Cable 100% copper Shileded (AL8300SH) Shielded 001Y..
LENGTH	100yards (300ft) or 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
AL8300SH	8CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	100Yards (300Ft)
AL8300SH-305	8CORES 22AWG CONTROL & SECURITY CABLE, FR-PVC	Grey	305Meters (1000Ft)

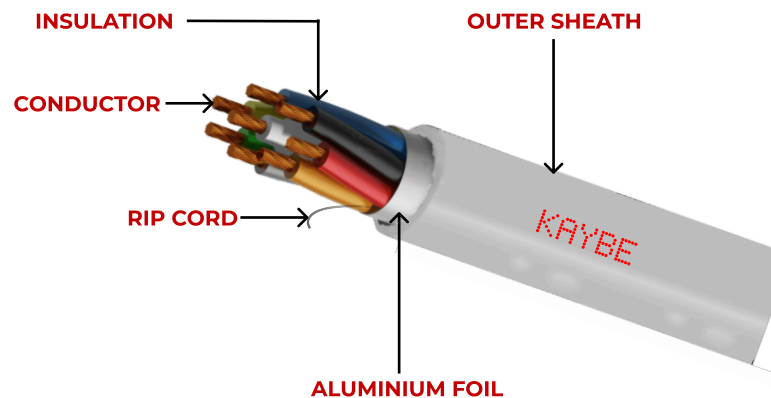


8 CORES CONTROL & SECURITY CABLE - 18AWG, SHIELDED

PRODUCT NO.: AL8400SH

DESCRIPTION: 18AWG

The KAYBE 8-Core Shielded Control & Security Cable provides superior signal protection with shielding to reduce interference. Designed for advanced control and security systems, it ensures reliable and consistent performance. Ideal for demanding residential, commercial, and industrial installations.



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	8 Cores
Material	Annealed Bare Copper
AWG	18awg
Structure	7X26awg (0.40mm)
INSULATION	
Material	PVC
Average Thickness	0.22mm
Diameter	1.30 ± 0.10 mm
RIP Cord	Yes, Nylon
Colors	Red, Black, White, Pink, Blue, Brown, Yellow, Green
LAY TYPE	
Laid Up	All of the 8 Cores twisted together with suitable lay
SHIELDING	
Polytape	100% coverage
Alu Tape Foil	100% coverage
Drain Wire	7X0.20mm (24awg)
OUTER JACKET	
Material	FR-PVC/LSZH
Average Thickness	0.68mm±0.03mm
Diameter	6.0+/- 0.30MM
Color	Grey
PRINTING	KAYBE Control & Security Cable 100% copper Shileded (AL8400SH) 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
AL8400SH	8CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC/LSZH	Grey	100Yards (300Ft)
AL8400SH-305	8CORES 18AWG CONTROL & SECURITY CABLE, FR-PVC/LSZH	Grey	305Meters (1000Ft)

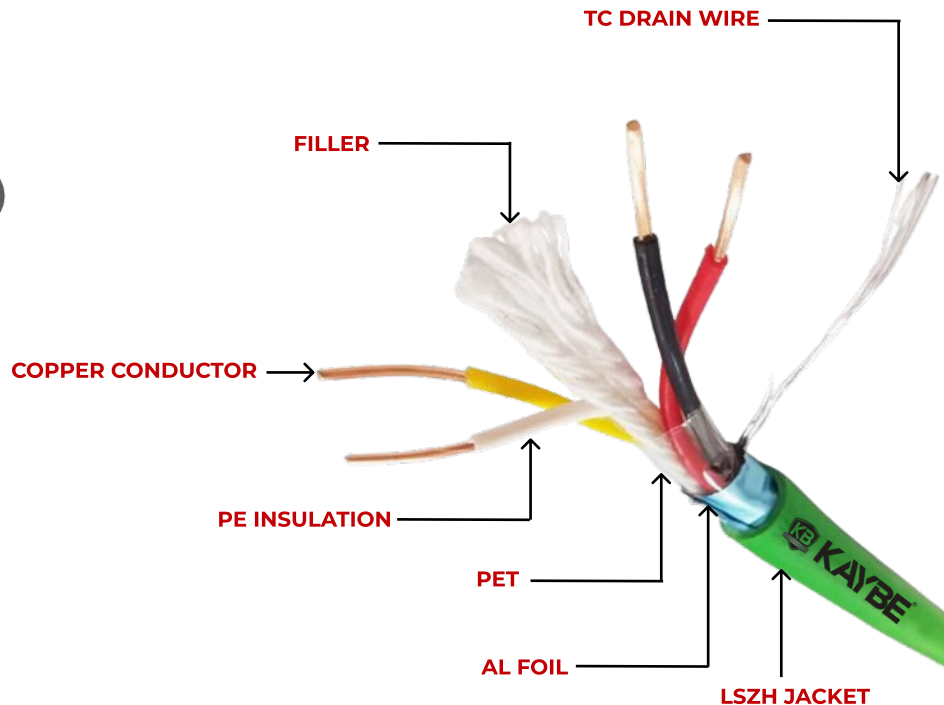


SINGLE PAIR (2 CORES) KNX/EIB, SHIELDED, LSZH JACKET CABLE

PRODUCT NO.: 1P2080KE

DESCRIPTION: 1Pair KNX Cable, 305meters

The KAYBE Single Pair KNX/EIB cable is a high quality communication cable used with a variety of system products for reliable and high speed data communications. KNX/EIB cables are widely used in integrated Audio/Video Intercoms and security cameras, Home automation, Lighting control and Guest room management systems.



ELECTRICAL & PHYSICAL CHARACTERISTICS

Conductor Resistance D.C. @ 20°C	37.7 Ω/km
Operating Temperature Range	-40°C ~+70°C
Insulation Resistance @ 20°C	200 MΩ·km
Operating Voltage V	250V
Min Bending Radius	8 times
Max Pulling Tension	50N/mm2

CONSTRUCTION DATA SHEET

Type	KNX 1X2X0.8
CONDUCTOR	
Conductor Material	Bare Copper Solid
Conductor size (mm)	1 Pair – 0.8mm
INSULATION	
Insulation material	PE
Insulation diameter (mm)	1.4±0.05
Average Thickness (mm)	0.35
Insulation Identification	Black,Red
PAIR TWIST	
Pair Twist	Red - Black
FILLER	
Filler material	Cotton
WRAPPING TAPE	
Wrapping tape material	PET Tape
DRAIN WIRE	
Drain wire material	Tinned Copper
SHIELDING	
Shield material	AL/PET
RIP CORD	
Rip cord	Yes
JACKET	
Jacket material	LSZH
Jacket Diameter (mm)	5.0±0.3
Average Thickness (mm)	0.80
Color	Green

STANDARD REFERENCES FOR THE CABLE

Flame Retardant	IEC 60332-1- Single Cable IEC 60332 – 3 – Multiple cables
Low Smoke Generation	IEC 61034-1 IEC 61034-2
Halogen Gas Emission	IEC 60754-1 IEC 60754-2
ROHS compliant	Yes
Jacket Material tested	Low Smoke Zero Halogen - Green

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	LENGTH
1P2080KE-LS	Single Pair KNX, Shielded, LSZH Jacket	305meters / 1000ft
1P2080KE-PVC	Single Pair KNX, Shielded, PVC Jacket	305meters / 1000ft

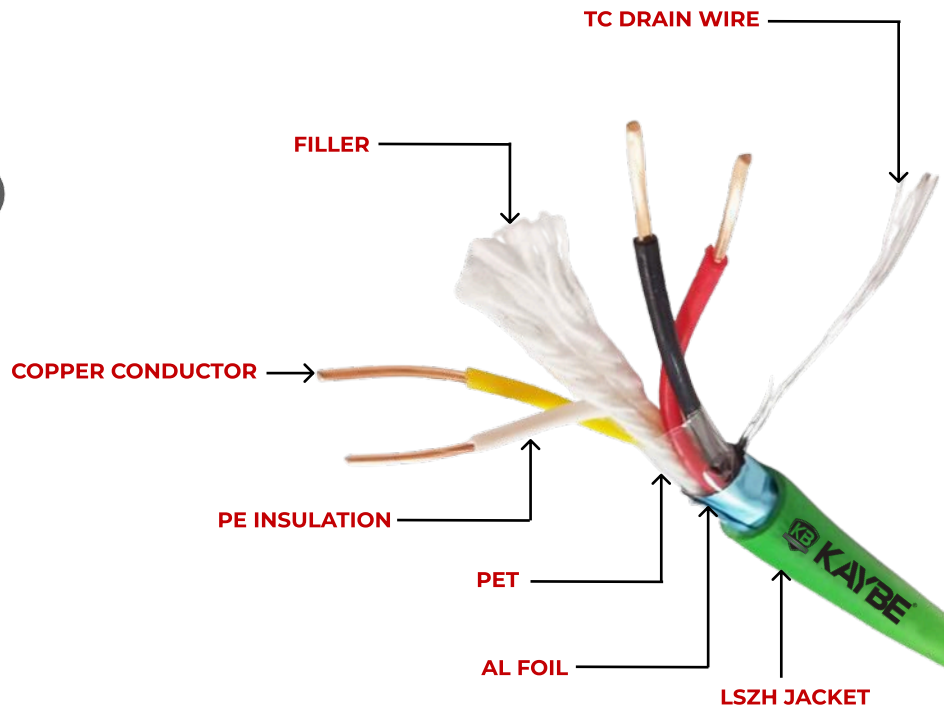


2PAIRS, QUAD, 20AWG KNX / EIB CABLE, LSZH INSULATED & SHEATHED

PRODUCT NO.: 2PQ-4080KE

DESCRIPTION: 2Pairs KNX Cable (2P), 305meters

The KAYBE 2-Pairs Quad KNX/EIB Cable with 20AWG conductors is engineered for reliable data transmission in smart building automation systems. Its Flame Retardant insulation and sheath provide robust protection and flexibility for easy installation in a variety of environments. Designed for efficient communication and long-term durability, it ensures stable performance for KNX/EIB applications.



ELECTRICAL & MECHANICAL PERFORMANCE

Inner Conductor DCR (20°C)	≤36 Ω / Km
Capacitance (Cond. to Cond.)	50 pF / m, Max.
Voltage withstand (Cond. to Cond.)	1000VDC, 1 min.
Voltage withstand (Cond. to Shield)	1000VDC, 1 min.
Operating Temp. Range	-20C to 70C
Flame Rating	IEC 60332-1-2

CONSTRUCTION DATA SHEET

CONDUCTOR	
Material	Annealed Bare Copper, Oxygen Free Copper
Construction	0.8mm
AWG Size	20AWG
Cross Section Area	0.5mm2
INSULATION	
Material	Polyethylene-PE
Nom. Insulation OD.	1.4±0.05mm
Nom. Insulation thickness	0.3mm
Color codes & Cabling	White & Red & Yellow & Black, 4cores twisted in a quad
FIRST SHIELD	
Material	PET tape. Helical wrapping, coverage ≥ 100%
DRAIN WIRE	
Material	1/0.4mm Tinned Copper wire, between 1st & 2nd shielding
SECOND SHIELD	
Material	AL/pet tape. Helical wrapping, coverage ≥ 100%
JACKET	
Material	LSZH/FR-PVC, Green, RAL 6018
Nom. O.D.	6.0±0.3mm
Jacket Extruding	Rounded tube jacket
PACKING LENGTH	
305M or 500M Plywood Reel	

STANDARD REFERENCES FOR THE CABLE

Flame Retardant	IEC 60332-1- Single Cable IEC 60332 – 3 – Multiple cables
Low Smoke Generation	IEC 61034-1 IEC 61034-2
Halogen Gas Emission	IEC 60754-1 IEC 60754-2
ROHS compliant	Yes
Jacket Material tested	Low Smoke Zero Halogen - Green

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	LENGTH
2PQ4080KE-LS	2PAIRS, QUAD, 20AWG KNX / EIB Cable, LSZH Insulated & Sheathed	305meters / 1000ft
2PQ4080KE-PVC	2PAIRS, QUAD, 20AWG KNX / EIB Cable, LSZH Insulated & Sheathed	305meters / 1000ft 500meters/ 1640ft



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