



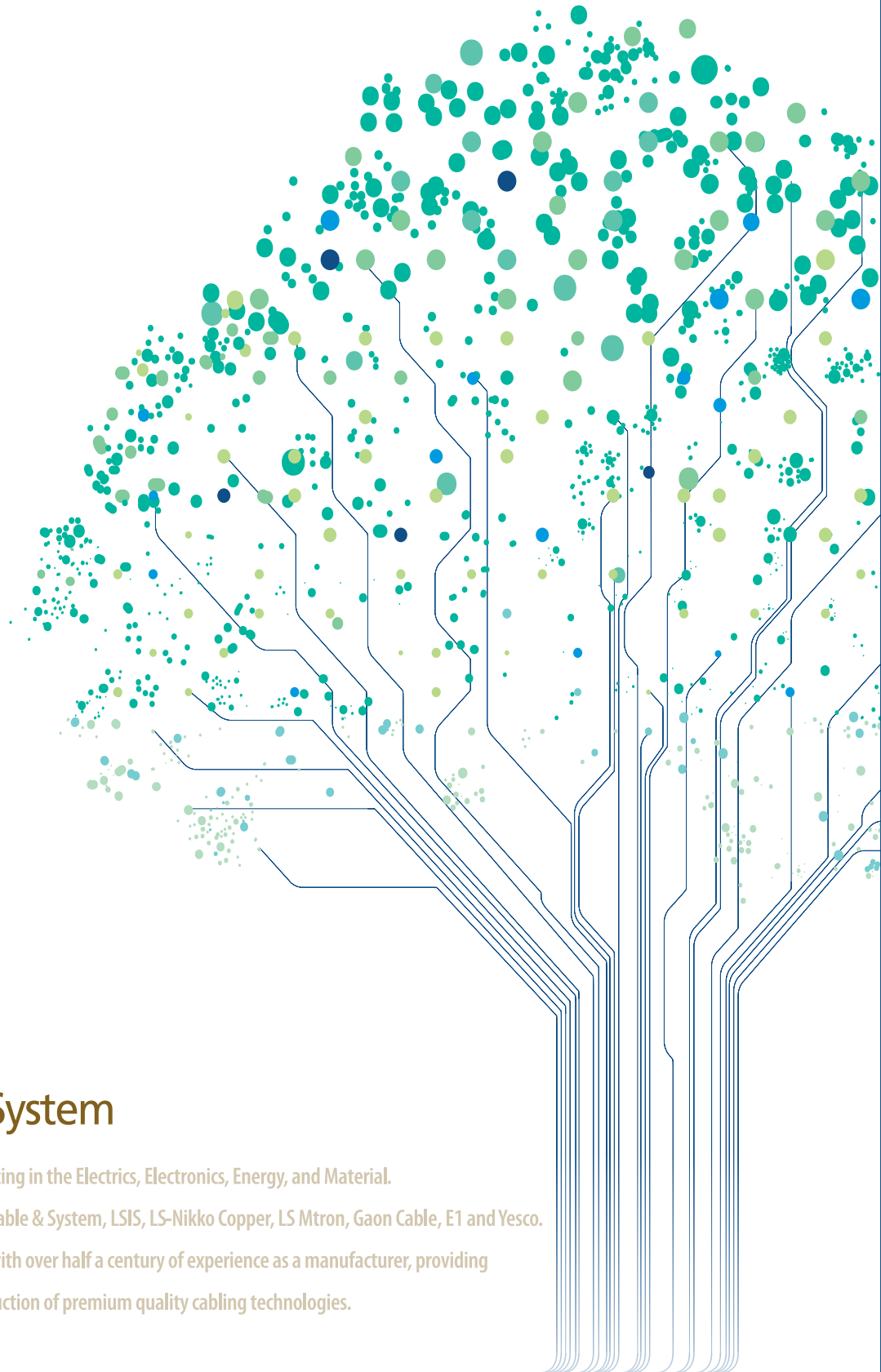
FIRE ALARM CABLE



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Enable The Cable World!



About LS Cable & System

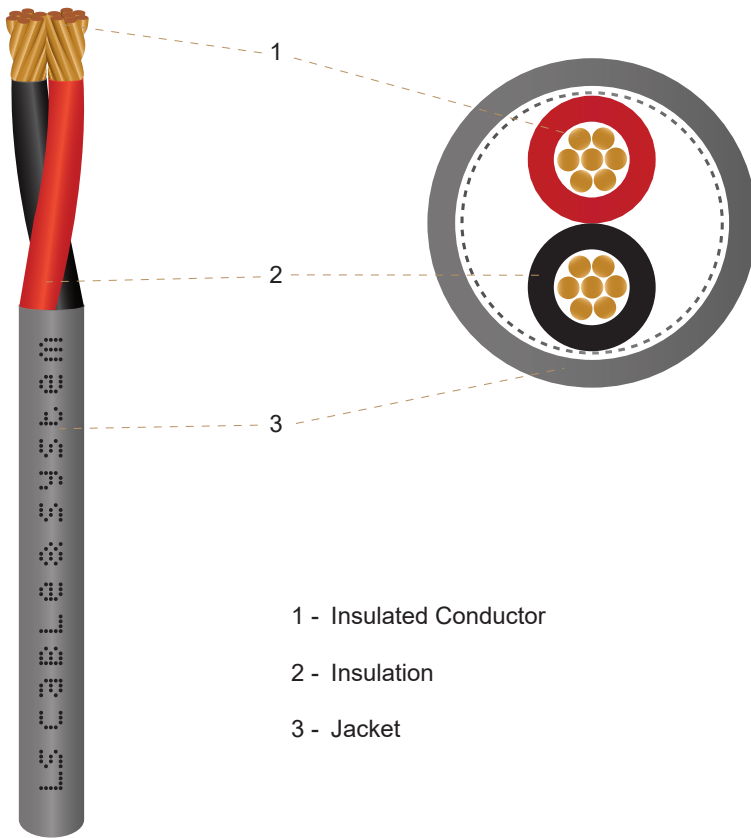
LS spun off from LG in 2003 as a group specializing in the Electrics, Electronics, Energy, and Material.

LS consists of about 40 affiliates including LS Cable & System, LSIS, LS-Nikko Copper, LS Mtron, Gaon Cable, E1 and Yesco.

A leading player in the global cable industry, with over half a century of experience as a manufacturer, providing consolidated expertise in the design and production of premium quality cabling technologies.



UNSHIELDED FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Insulation
- 3 - Jacket

Descriptions

- Multipair twisted cable
- Conductor: IEC 60228 (Class 2 other options are available upon request) or ASTM (B 3/B 33)
- XLPE/PVC/LSZH insulation and PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel
- RoHS compliant

Application

- Fire Alarm systems, Public Address, BMS
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Optimized for Analogue Audio System

Technical Details

- Working Voltage: 300/500 V
- Test Voltage (AC) No Breakdown: 2.0kV/5min
- Operating Temperature: -40 – 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

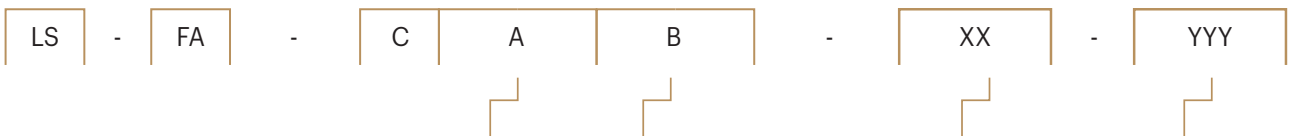
Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape	Tinned strand copper wire No./mm	Thickness (mm)	Color	
Unshielded, 1-pair	0.75	7/0.37	No	0.6	No	No	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Gray	7.41
Unshielded, 2-pair	0.75	7/0.37	No	0.6	No	No	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Gray	7.41
Unshielded, 3-pair	0.75	7/0.37	No	0.6	No	No	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Gray	7.41

UNSHIELDED FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CXV-02-075	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 0.75 mm ²
LS-FA-CXV-02-100	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.0 mm ²
LS-FA-CXV-02-125	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.25 mm ²
LS-FA-CXV-02-150	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.5 mm ²
LS-FA-CXV-02-200	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 2.0 mm ²
LS-FA-CXV-02-250	Unshielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material
 V: PVC
 X: XLPE
 Z: LSZH

B - Jacket Material
 V: PVC
 F: FR - PVC
 Z: LSZH
 F-BK: FR - PVC Outdoor, Black
 Z-BK: LSZH Outdoor, Black

XX - Number of core
 02: 2 cores
 04: 4 cores
 06: 6 cores
 08: 8 cores

YYY - Conductor size
 075: 0.75 mm²
 100: 1.00 mm²
 125: 1.25 mm²
 150: 1.50 mm²
 200: 2.00 mm²
 250: 2.50 mm²

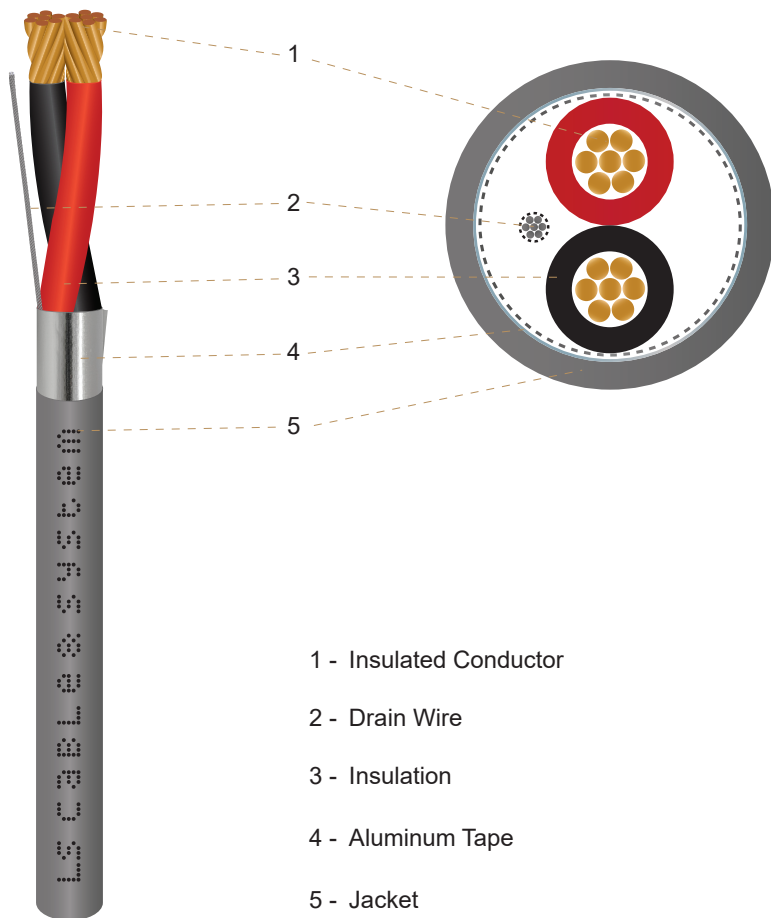
Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

SHIELDED FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Drain Wire
- 3 - Insulation
- 4 - Aluminum Tape
- 5 - Jacket

Descriptions

- Multipair twisted cable with Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2 and other options are available upon request) or ASTM (B 3/B 33)
- PVC/XLPE/LSZH insulation and PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel

Application

- Fire Alarm systems, BMS
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Optimized for Public Address systems

Technical Details

- Working Voltage: 300/500 V
- Test Voltage (AC) No Breakdown: 2.0kV/5min
- Operating Temperature: -40 – 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

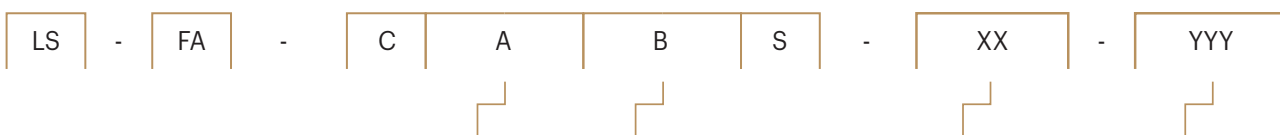
Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape	Tinned strand copper wire No./mm	Thickness (mm)	Color	
Shielded, 1-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Gray	7.41
Shielded, 2-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Gray	7.41
Shielded, 3-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Gray	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Gray	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Gray	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Gray	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Gray	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Gray	7.41

SHIELDED FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CXVS-02-075	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 0.75 mm ²
LS-FA-CXVS-02-100	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.0 mm ²
LS-FA-CXVS-02-125	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.25 mm ²
LS-FA-CXVS-02-150	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 1.5 mm ²
LS-FA-CXVS-02-200	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 2.0 mm ²
LS-FA-CXVS-02-250	Shielded Fire Alarm Cable, Cu/XLPE/PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material

V: PVC
X: XLPE
Z: LSZH

B - Jacket Material

V: PVC
F: FR - PVC
Z: LSZH
F-BK: FR - PVC Outdoor, Black
Z-BK: LSZH Outdoor, Black

XX - Number of core

02: 2 cores
04: 4 cores
06: 6 cores
08: 8 cores

YYY - Conductor size

075: 0.75 mm²
100: 1.00 mm²
125: 1.25 mm²
150: 1.50 mm²
200: 2.00 mm²
250: 2.50 mm²

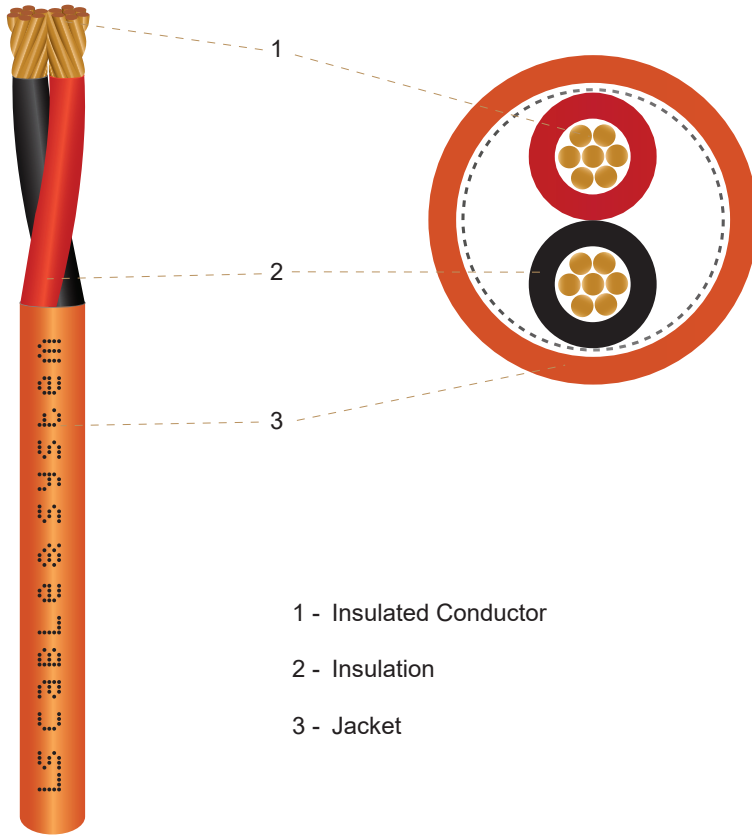
Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

UNSHIELDED FLAME RETARDANT FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Insulation
- 3 - Jacket

Descriptions

- Multipair twisted cable
- Conductor: IEC 60228 (Class 2 or other options are available upon request) or ASTM (B 3/B 33)
- PVC/XLPE/LSZH insulation and Fr-PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel
- RoHS compliant
- Compliant to IEC 60332-1

Application

- Optimized for Fire Alarm systems
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Public Address, BMS systems

Technical Details

- Working Voltage: 600/1000 V
- Test Voltage (AC) No Breakdown: 3.5kV/5min
- Operating Temperature: -40 – 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

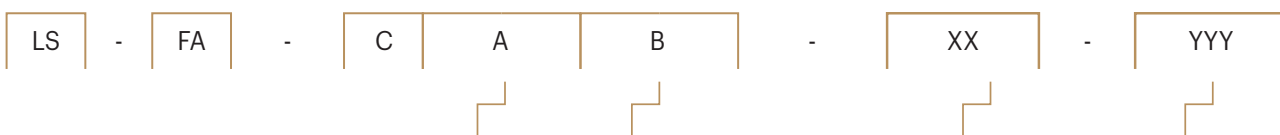
Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape	Tinned strand copper wire No./mm	Thickness (mm)	Color	
Unshielded, 1-pair	0.75	7/0.37	No	0.6	No	No	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Orange	7.41
Unshielded, 2-pair	0.75	7/0.37	No	0.6	No	No	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Orange	7.41
Unshielded, 3-pair	0.75	7/0.37	No	0.6	No	No	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	No	No	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	No	No	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	No	No	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	No	No	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	No	No	0.7	Orange	7.41

UNSHIELDED FLAME RETARDANT FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CXF-02-075	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 0.75 mm ²
LS-FA-CXF-02-100	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.0 mm ²
LS-FA-CXF-02-125	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.25 mm ²
LS-FA-CXF-02-150	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.5 mm ²
LS-FA-CXF-02-200	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 2.0 mm ²
LS-FA-CXF-02-250	Unshielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material

V: PVC
X: XLPE
Z: LSZH

B - Jacket Material

F: FR - PVC
Z: LSZH
F-BK: FR - PVC Outdoor, Black
Z-BK: LSZH Outdoor, Black

XX - Number of core

02: 2 cores
04: 4 cores
06: 6 cores
08: 8 cores

YYY - Conductor size

075: 0.75 mm²
100: 1.00 mm²
125: 1.25 mm²
150: 1.50 mm²
200: 2.00 mm²
250: 2.50 mm²

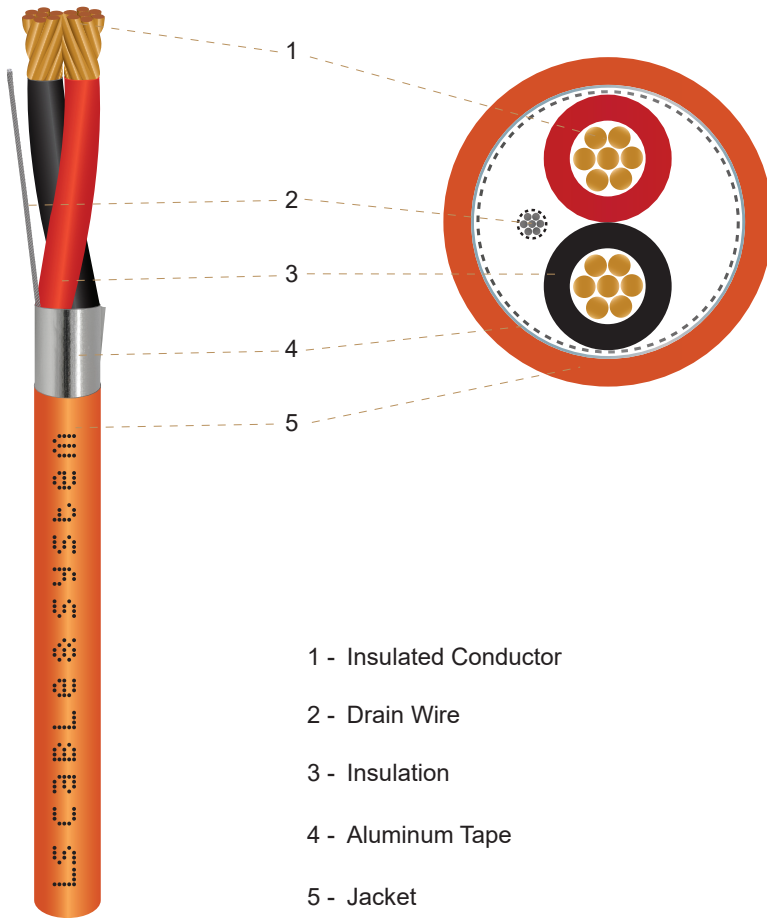
Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

SHIELDED FLAME RETARDANT FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Drain Wire
- 3 - Insulation
- 4 - Aluminum Tape
- 5 - Jacket

Descriptions

- Multipair twisted cable with Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2 or other options are available upon request) or ASTM (B 3/B 33)
- PVC/XLPE/LSZH insulation and Fr-PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel
- RoHS compliant
- Compliant to IEC 60332-1

Application

- Optimized for Fire Alarm systems
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Public Address, BMS systems

Technical Details

- Working Voltage: 600/1000 V
- Test Voltage (AC) No Breakdown: 3.5kV/5min
- Operating Temperature: -40 - 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

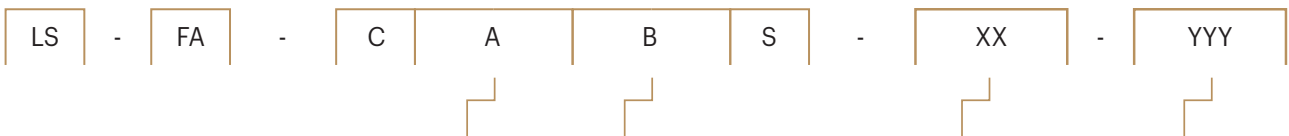
Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape	Tinned strand copper wire No./mm	Thickness (mm)	Color	
Shielded, 1-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Orange	7.41
Shielded, 2-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Orange	7.41
Shielded, 3-pair	0.75	7/0.37	No	0.6	Yes	7/0.31	0.6	Orange	24.5
	1.0	7/0.43	No	0.6	Yes	7/0.31	0.6	Orange	18.1
	1.25	7/0.45	No	0.6	Yes	7/0.31	0.6	Orange	16.5
	1.5	7/0.52	No	0.6	Yes	7/0.31	0.7	Orange	12.1
	2.0	7/0.60	No	0.6	Yes	7/0.31	0.7	Orange	9.2
	2.5	7/0.67	No	0.6	Yes	7/0.31	0.7	Orange	7.41

SHIELDED FLAME RETARDANT FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CXFS-02-075	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 0.75 mm ²
LS-FA-CXFS-02-100	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.0 mm ²
LS-FA-CXFS-02-125	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.25 mm ²
LS-FA-CXFS-02-150	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 1.5 mm ²
LS-FA-CXFS-02-200	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 2.0 mm ²
LS-FA-CXFS-02-250	Shielded Flame Retardant Fire Alarm Cable, Cu/XLPE/FR-PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material

V: PVC
X: XLPE
Z: LSZH

B - Jacket Material

F: FR - PVC
Z: LSZH
F-BK: FR - PVC Outdoor, Black
Z-BK: LSZH Outdoor, Black

XX - Number of core

02: 2 cores
04: 4 cores
06: 6 cores
08: 8 cores

YYY - Conductor size

075: 0.75 mm²
100: 1.00 mm²
125: 1.25 mm²
150: 1.50 mm²
200: 2.00 mm²
250: 2.50 mm²

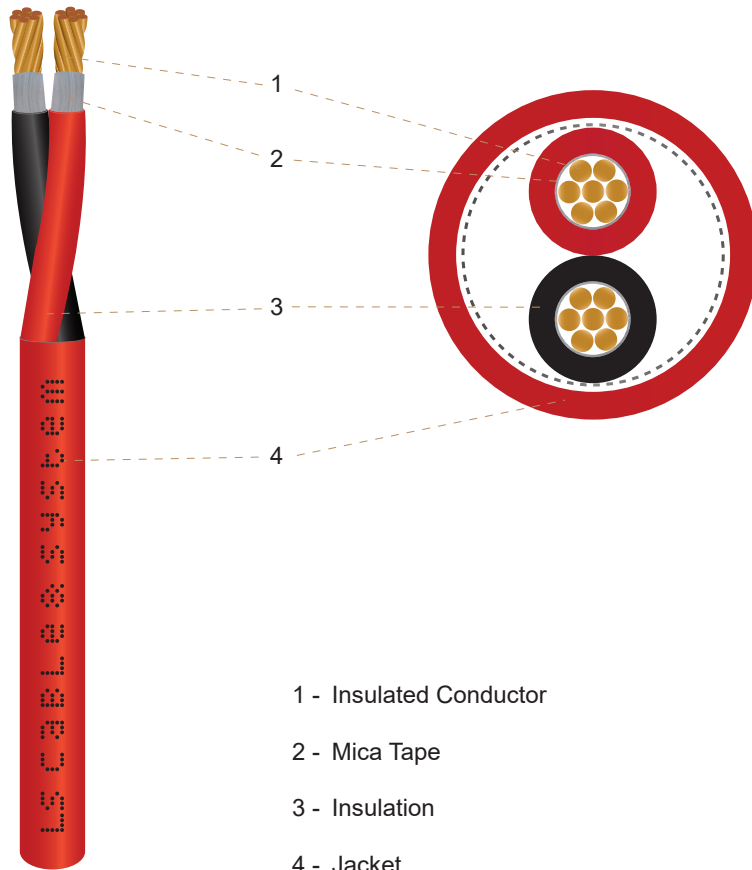
Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

UNSHIELDED FIRE RESISTANT FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Mica Tape
- 3 - Insulation
- 4 - Jacket

Descriptions

- Multipair twisted cable with Mica Tape
- Conductor: IEC 60228 (Class 2 or other options are available upon request) or ASTM (B 3/B 33)
- PVC/XLPE/LSZH insulation and Fr-PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel
- RoHS compliant
- Compliant to IEC 60331 and BS 6387 CWZ

Application

- Optimized for Fire Alarm systems
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Public Address, BMS systems

Technical Details

- Working Voltage: 600/1000 V
- Test Voltage (AC) No Breakdown: 3.5kV/5min
- Operating Temperature: -40 – 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape		Tinned strand copper wire No./mm	Thickness (mm)	
Unshielded, 1-pair	0.75	7/0.37	2 layer	0.6	No	No	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	No	No	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	No	No	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	No	No	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	No	No	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	No	No	0.7	Red	7.41
Unshielded, 2-pair	0.75	7/0.37	2 layer	0.6	No	No	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	No	No	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	No	No	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	No	No	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	No	No	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	No	No	0.7	Red	7.41
Unshielded, 3-pair	0.75	7/0.37	2 layer	0.6	No	No	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	No	No	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	No	No	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	No	No	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	No	No	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	No	No	0.7	Red	7.41

UNSHIELDED FIRE RESISTANT FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CMXF-02-075	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 0.75 mm ²
LS-FA-CMXF-02-100	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.0 mm ²
LS-FA-CMXF-02-125	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.25 mm ²
LS-FA-CMXF-02-150	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.5 mm ²
LS-FA-CMXF-02-200	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 2.0 mm ²
LS-FA-CMXF-02-250	Unshielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material	B - Jacket Material	XX - Number of core	YYY - Conductor size
V: PVC	F: FR - PVC	02: 2 cores	075: 0.75 mm ²
X: XLPE	Z: LSZH	04: 4 cores	100: 1.00 mm ²
Z: LSZH	F-BK: FR - PVC Outdoor, Black	06: 6 cores	125: 1.25 mm ²
	Z-BK: LSZH Outdoor, Black	08: 8 cores	150: 1.50 mm ²
			200: 2.00 mm ²
			250: 2.50 mm ²

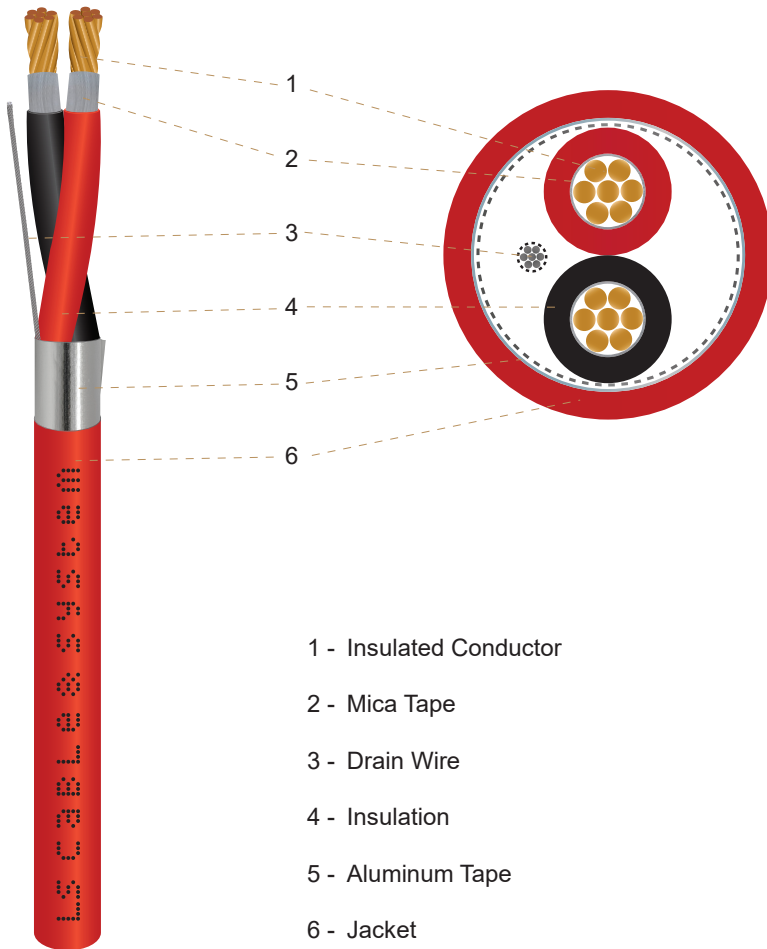
Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

SHIELDED FIRE RESISTANT FIRE ALARM CABLE



- 1 - Insulated Conductor
- 2 - Mica Tape
- 3 - Drain Wire
- 4 - Insulation
- 5 - Aluminum Tape
- 6 - Jacket

Descriptions

- Multipair twisted cable with Mica Tape, Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2 or other options are available upon request) or ASTM (B 3/B 33)
- PVC/XLPE/LSZH insulation and PVC/Fr-PVC/LSZH Jacket (other options are available upon request)
- Packaged on Wooden Reel
- RoHS compliant
- Compliant to IEC 60331 and BS 6387 CWZ

Application

- Optimized for Fire Alarm systems
- Internal wiring of electronic equipment, transmission measurement and control signals with minimum noise
- Industrial, Interconnect
- Public Address, BMS systems

Technical Details

- Working Voltage: 600/1000 V
- Test Voltage (AC) No Breakdown: 3.5kV/5min
- Operating Temperature: -40 – 90 °C
- Insulation resistance: Min. 2.0 GΩ . km

Cable Properties

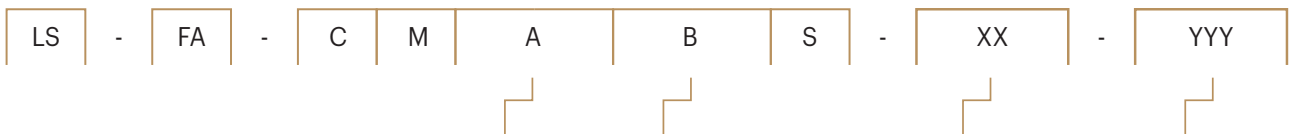
Cable Counts	Conductor Stranded Copper		Mica Tape	Insulation	Shield	Drain wire	Jacket		Maximum Conductor Resistance at 20°C (Ω/km)
	mm²	No./mm		Thickness (mm)	Aluminium Tape	Tinned strand copper wire No./mm	Thickness (mm)	Color	
Shielded, 1-pair	0.75	7/0.37	2 layer	0.6	Yes	7/0.31	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	Yes	7/0.31	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	Yes	7/0.31	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	Yes	7/0.31	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	Yes	7/0.31	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	Yes	7/0.31	0.7	Red	7.41
Shielded, 2-pair	0.75	7/0.37	2 layer	0.6	Yes	7/0.31	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	Yes	7/0.31	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	Yes	7/0.31	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	Yes	7/0.31	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	Yes	7/0.31	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	Yes	7/0.31	0.7	Red	7.41
Shielded, 3-pair	0.75	7/0.37	2 layer	0.6	Yes	7/0.31	0.6	Red	24.5
	1.0	7/0.43	2 layer	0.6	Yes	7/0.31	0.6	Red	18.1
	1.25	7/0.45	2 layer	0.6	Yes	7/0.31	0.6	Red	16.5
	1.5	7/0.52	2 layer	0.6	Yes	7/0.31	0.7	Red	12.1
	2.0	7/0.60	2 layer	0.6	Yes	7/0.31	0.7	Red	9.2
	2.5	7/0.67	2 layer	0.6	Yes	7/0.31	0.7	Red	7.41

SHIELDED FIRE RESISTANT FIRE ALARM CABLE

Part Numbers

Part Number	Description
LS-FA-CMXFS-02-075	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 0.75 mm ²
LS-FA-CMXFS-02-100	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.0 mm ²
LS-FA-CMXFS-02-125	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.25 mm ²
LS-FA-CMXFS-02-150	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 1.5 mm ²
LS-FA-CMXFS-02-200	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 2.0 mm ²
LS-FA-CMXFS-02-250	Shielded Fire Resistant Fire Alarm Cable, 2 layers Mica tape, Cu/XLPE/FR-PVC, 2 cores x 2.5 mm ²

Copper Cable Product Identifier



A - Insulation Material
 V: PVC
 X: XLPE
 Z: LSZH

B - Jacket Material
 F: FR - PVC
 Z: LSZH
 F-BK: FR - PVC Outdoor, Black
 Z-BK: LSZH Outdoor, Black

XX - Number of core
 02: 2 cores
 04: 4 cores
 06: 6 cores
 08: 8 cores

YYY - Conductor size
 075: 0.75 mm²
 100: 1.00 mm²
 125: 1.25 mm²
 150: 1.50 mm²
 200: 2.00 mm²
 250: 2.50 mm²

Color Table

Twist Pair (*)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black/Red	Black/White	Black/Green	Black/Blue	Black/Yellow	Black/Brown	Black/Orange	Red/White
Twist Cores (**)	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Color	Black	Red	White	Green	Blue	Yellow	Brown	Orange

(*) Two cores will be twisted together.

(**) All cores will be twisted together.

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Gumi Plant

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UTP, Coaxial cable
SCR, Magnet wire
Overhead cable, Bus duct



Indong Plant

Optical fiber
Optical cable



Donghae Plant

Submarine cable
Industrial specialty cable

CHINA



LSHQ(Yichang)

EHV / MV / LV cable
Industrial specialty cable



LSCW(Wuxi)

Industrial devices cable
Automotive cable
Harness & module
Aluminum, Bus duct





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EHV / MV / LV cable
SCR, ACSR
Overhead cable



LSCV(HO Chi Minh)
MV / LV cable
UTP, Optical cable
Overhead cable

INDIA



LSCI(Bawal)
EHV / MV / LV cable
Coaxial cable
Overhead cable

USA



LSCUS(Tarboro)
MV / LV cable
Control, Instrument cable

POLAND



LS EV Poland./LSCP (Dzierzoniow)
Automotive battery components
Optical cable



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