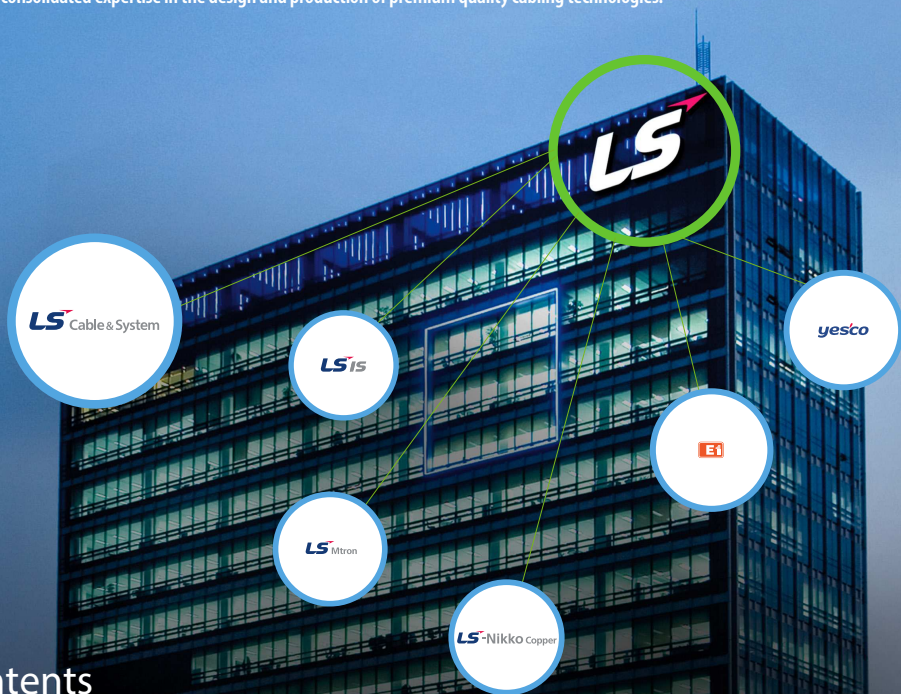




About LS Cable & System

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.



Contents

Cables	
Unshield Data Cable	3
Shielded Data Cable	4
Double Shielded Data	5
Unshielded Flame Retardant Data Cable	6
Shielded Flame Retardant Data Cable	7
Unshielded Fire Resistant Data Cable	8
Shielded Fire Resistant Data Cable	9

Unshielded Data Cable



Descriptions

- Multipair twisted cable
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Unshielded Data Cable	LS-UDC-XX-YYY-AB	Multipair Unshielded Data Cable

*XX denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

*YYY denotes conductor size: : **075**(0.75 mm2), **100**(1.00 mm2), **150**(1.50 mm2), **250**(2.50 mm2), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ... (other sizes are available upon request)

*A denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP) ...

*B denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	300/500
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Shielded Data Cable



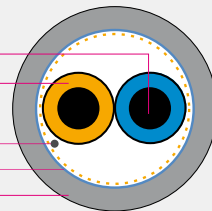
Insulated Conductor

Insulation

Drain wire

Aluminum Tape

Jacket



Descriptions

- Multipair twisted cable with Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Shielded Data Cable	LS-SDC-XX-YYY-AB	Multipair Shielded Data Cable

***XX** denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

***YYY** denotes conductor size: **075**(0.75 mm2), **100**(1.00 mm2), **150**(1.50 mm2), **250**(2.50 mm2), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ...
(other sizes are available upon request)

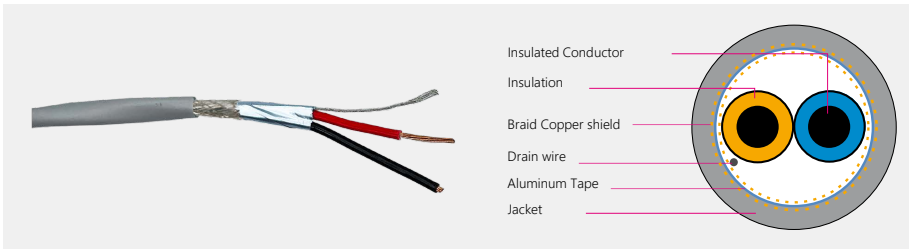
***A** denotes insulation material: **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP), ...

***B** denotes jacket material: **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	300/500
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Double Shielded Data Cable



Descriptions

- Multipair twisted cable with Braid Copper shield, Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

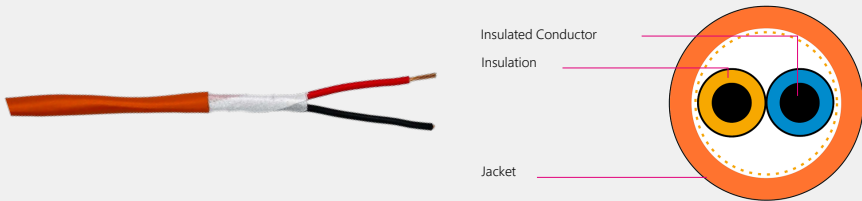
Product Type	Part Number	Description
Double Shielded Data Cable	LS-SBDC-XX-YYY-AB	Multipair Double Shielded Data Cable

- ***XX** denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...
- ***YYY** denotes conductor size: : **075**(0.75 mm2), **100**(1.00 mm2), **150**(1.50 mm2), **250**(2.50 mm2), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ... (other sizes are available upon request)
- ***A** denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP) ...
- ***B** denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	300/500
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Unshielded Flame Retardant Data Cable



Descriptions

- Multipair twisted cable
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Unshielded Flame Retardant	LS-UFRT-XX-YYY-AB	Multipair Unshielded Flame Retardant Data Cable

***XX** denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

***YYY** denotes conductor size: **075**(0.75 mm²), **100**(1.00 mm²), **150**(1.50 mm²), **250**(2.50 mm²), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ... (other sizes are available upon request)

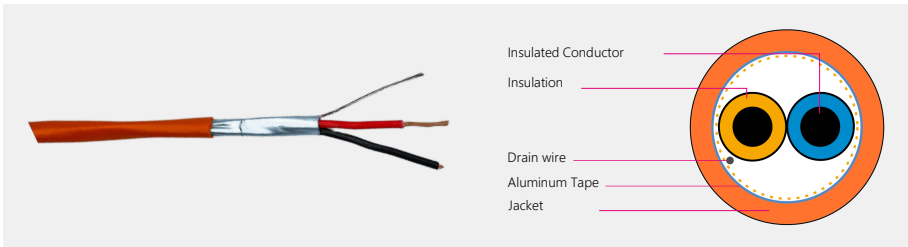
***A** denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP), ...

***B** denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	600/1000
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Shielded Flame Retardant Data Cable



Descriptions

- Multipair twisted cable with Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Shielded Flame Retardant	LS-SFRT-XX-YYY-AB	Multipair Shielded Flame Retardant Data Cable

***XX** denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

***YYY** denotes conductor size: : **075**(0.75 mm2), **100**(1.00 mm2), **150**(1.50 mm2), **250**(2.50 mm2), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ... (other sizes are available upon request)

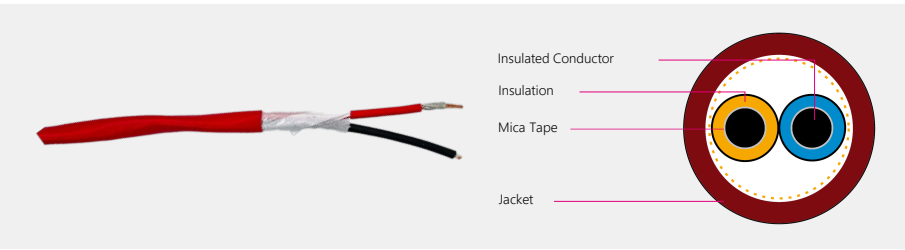
***A** denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP) ...

***B** denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	600/1000
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Unshielded Fire Resistant Data Cable



Descriptions

- Multipair twisted cable with Mica Tape
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Unshielded Fire Resistant	LS-UFRS-XX-YYY-AB	Multipair Unshielded Fire Resistant Data Cable

***XX** denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

***YYY** denotes conductor size: **075**(0.75 mm²), **100**(1.00 mm²), **150**(1.50 mm²), **250**(2.50 mm²), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ...
(other sizes are available upon request)

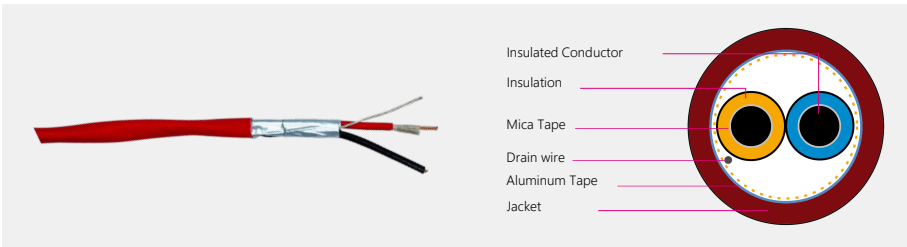
***A** denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP),...

***B** denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	600/1000
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

Shielded Fire Resistant Data Cable



Descriptions

- Multipair twisted cable with Mica Tape, Aluminum Mylar Tape shield and drain wire
- Conductor: IEC 60228 (Class 2/Class 5) 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

Applications

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

Part Numbers

Product Type	Part Number	Description
Shielded Fire Resistant	LS-SFRS-XX-YYY-AB	Multipair Shielded Fire Resistant Data Cable

*XX denotes number of core: **01**(1 core), **02**(2 cores), **03**(3 cores), ...

*YYY denotes conductor size: **075**(0.75 mm2), **100**(1.00 mm2), **150**(1.50 mm2), **250**(2.50 mm2), **14A**(14 AWG), **16A**(16 AWG), **18A**(18 AWG), ... (other sizes are available upon request)

*A denotes insulation material : **V**(PVC), **X**(XLPE), **Z**(LSZH), **E**(PE), **F**(FEP), ...

*B denotes jacket material : **V**(PVC), **F**(FR-PVC), **Z**(LSZH), ...

Technical Details

Item	Unit	PVC / LSZH
Working Voltage	V	600/1000
Inductance	mH/km	0.3
Capacitance (C/C)	pF/m	79
Operating Temperature	°C	-20 ~ 80
Insulation resistance	GΩ · km	> 2
Characteristic Impedance	Ω	60

GLOBAL NETWORK

More than 60 Factories,
Sales and Production Sites
in 20 Countries.

- Factory
- Sales office
- Branch office

● ● **United States**
LSCA FORT LEE
LSCUS TARBORO

● **Mexico**
MEXICO CITY

KOREA



Gumi Plant

EHV / MV / LV cable
UTP, Coaxial cable
SCR, Magnet wire
Overhead cable, Bus duct



Indong Plant

Optical fiber
Optical cable



Donghae Plant

Submarine cable
Industrial specialty cable

CHINA



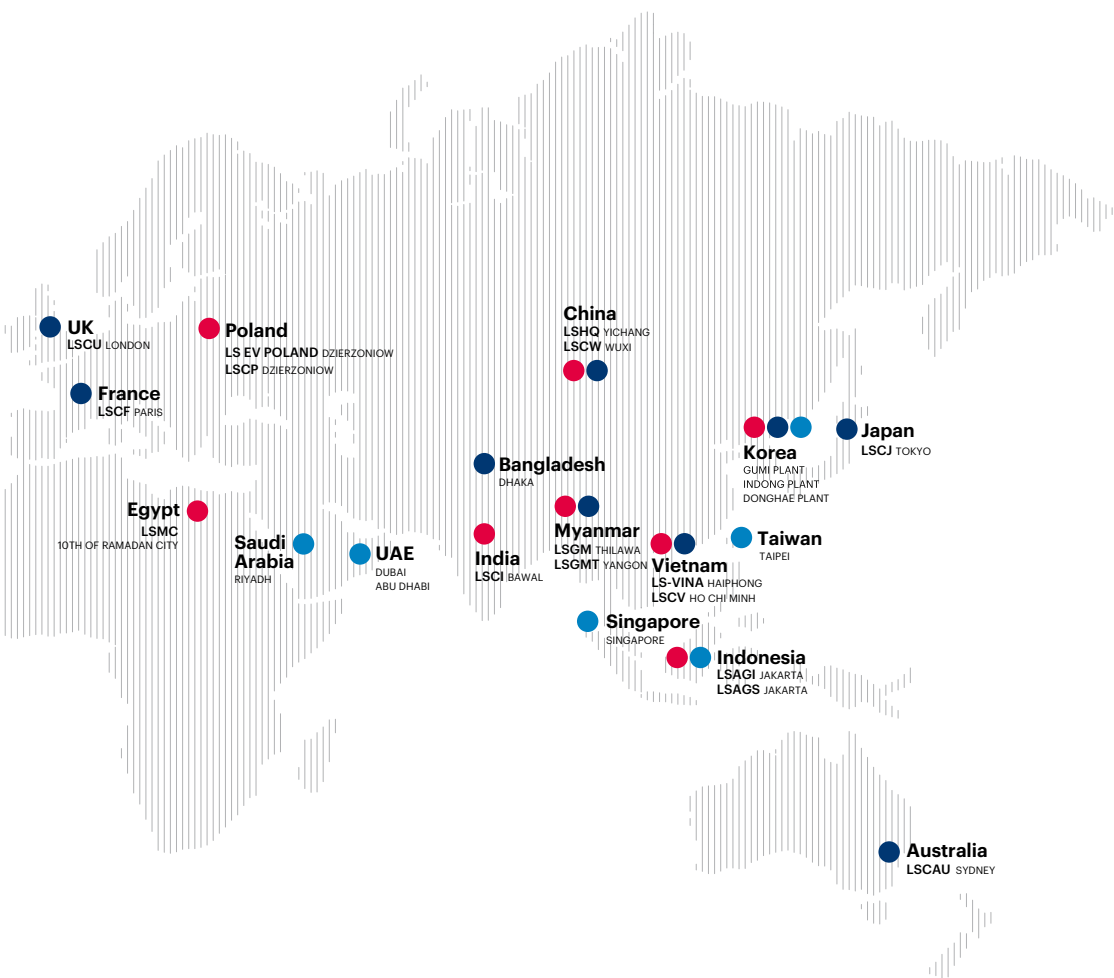
LSHQ(Yichang)

EHV / MV / LV cable
Industrial specialty cable



LSCW(Wuxi)

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



VIETNAM



LS-VINA(Haiphong)

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 (Dzierzonow)

Automotive battery components
Optical cable

LS Simple™ Warranty

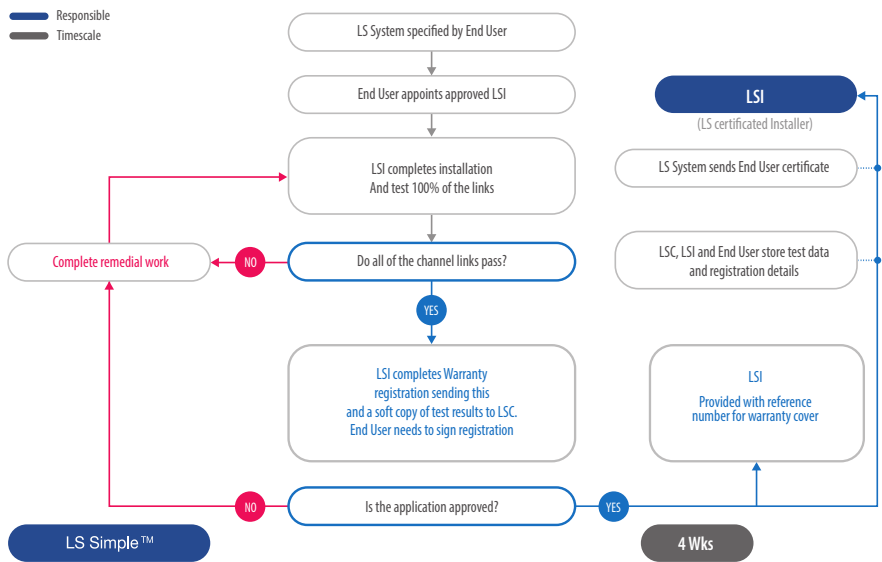
LS Simple™ Warranty

The Simple™ range of solutions is supported by a Simple™ comprehensive warranty

- Unique 25 year application and product warranty.
- The warranty applied to the network and can be sold as an asset.
- The warranty is only offered by fully trained LS Integrators.
- The system is independently inspected by a third party.



LS Simple™ Warranty Process





www.lscv.com.vn

LS CABLE & SYSTEM - SAHAKO Data Cable

Nhon Trach 2 - Loc Khang Industrial Zone, Nhon Trach District, Dong Nai Province, Vietnam

©2022 LS Cable & System Ltd. All right reserved.

This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and recompilation. No part of this product or document may be reproduced in any form by any means without prior written authorization of LS Cable & System and its licensors, if any.

Products shown on this catalog are subject to change without any prior notice.