



VOLTAN

POWERING CONNECTIONS • ENERGIZING SOLUTIONS



Voltan Control Cable

Reliable. Safe. Compliant



At Voltan Technologies, we design premium connectivity solutions that empower AV professionals, system integrators, and industrial teams across residential, commercial, and manufacturing environments. Our control cables are engineered for durability, precision, and seamless integration. From shielded options for high-interference areas to cost-effective unshielded wiring for clean installations, Voltan delivers technical reliability with installation flexibility. Pushing innovation further, our RS-485 wireless solution eliminates the limitations of traditional twisted-pair cabling. With proprietary wireless modules embedded directly into devices, you gain robust, long-range communication—without the constraints of physical wiring. From solid infrastructure to next-generation wireless, Voltan is your trusted partner in reliable, future-ready connectivity.

TECHNICAL SPECIFICATION

Shielded & Unshielded Cables

- ⚡ **Conductor:** High Conductivity Copper (HCC) / Oxygen-Free Copper (OFC)
- 📏 **Gauge:** 12 / 14 / 16 / 18 / 22 / 24 AWG
- 🔗 **Conductors:** 2 Core (Bi-wire available)
- 🔌 **Insulation:** LSZH / PVC / PE
- 🎨 **Jacket:** LSZH or PVC (RAL 7046)
- 🛡️ **Shielding:** Unshielded / Foil / Braid
- 🌡️ **Temperature:** -30 °C to +80 °C
- ⚡ **Voltage:** 300 V
- 📦 **Lengths:** 100 m / 305 m rolls
- 🛡️ **Compliance:** IEC, RoHS, CE, ISO 9001

KNX Cables

- ⚡ **Conductor:** Solid Bare Copper
- 🔗 **Cores:** 4 (Black, Red, White, Yellow)
- 🛡️ **Screen:** Al/Polyester (100% coverage)
- 🧵 **Rip Cord:** Nylon Yarn
- 🎨 **Color:** Green (RAL 6018)
- 📦 **Lengths:** 305 m / 500 m rolls
- ⚡ **Voltage:** 300 Vrms
- 🛡️ **Compliance:** EN 50290, IEC 60332, IEC 60754, RoHS

RS-485 Cables

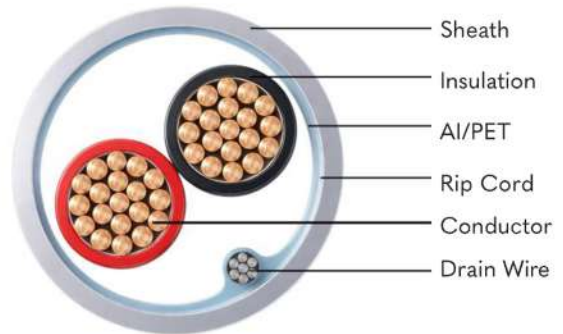
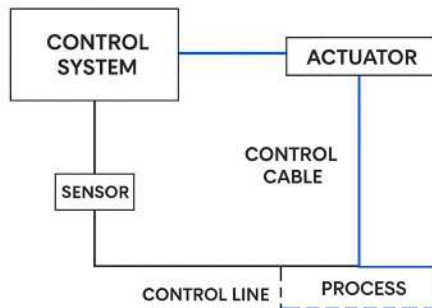
- 🔗 **Pairs:** 1 / 2 / 3 / 4 / 5
- 📏 **Gauge:** 18 / 22 / 24 AWG
- 🔌 **Insulation:** PE (Polyethylene)
- 🎨 **Jacket:** LSZH / PVC (RAL 7046)
- 🛡️ **Screen:** Aluminium / Polyester
- 📊 **Capacitance:** 34–38 pF/m (per pair)
- 🔧 **Impedance:** 120 Ω nominal
- 🌡️ **Temperature:** -25 °C to +75 °C
- ⚡ **Voltage:** 300 V
- 📦 **Lengths:** 305 m rolls
- 🛡️ **Compliance:** EN 50290-2, IEC 60228, IEC 60332-1, IEC 61034, IEC 60754-1/-2, RoHS, ISO 9001

FR-PVC Cables

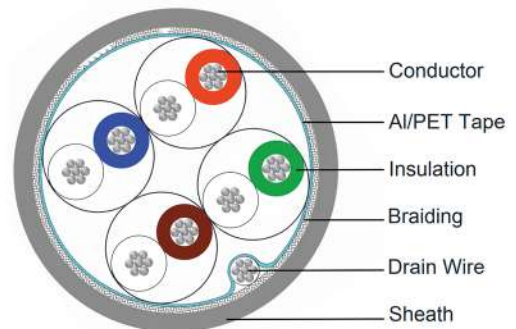
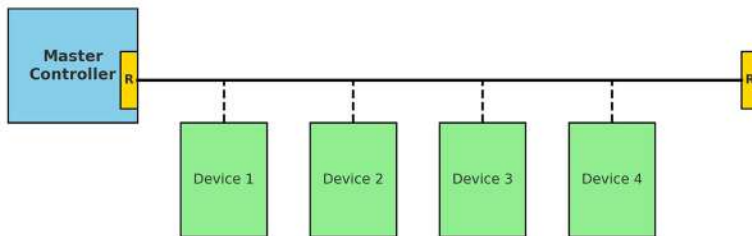
- 📏 **Gauge:** 22 / 24 AWG
- 🎨 **Jacket:** Flame-retardant PVC (Grey)
- 🛡️ **Compliance:** IEC 60332-1-2, IEC 60332-1-3

INSIGHTS

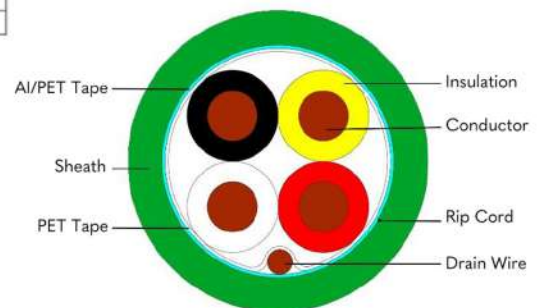
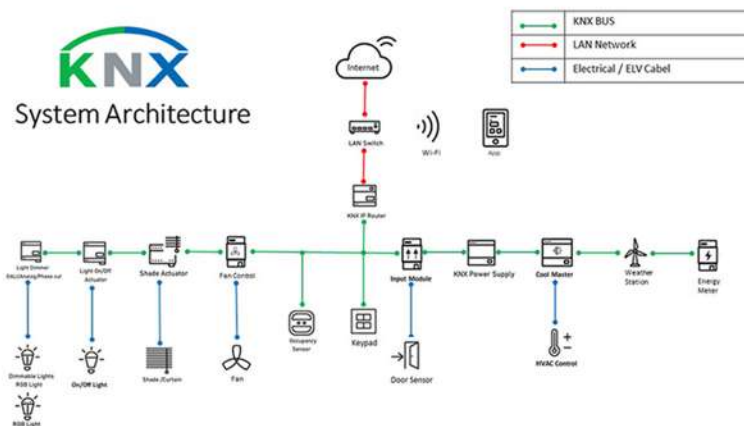
SYSTEM ARCHITECTURE OF CONTROL CABLE



RS-485 System Architecture



KNX System Architecture



Voltan KNX/EIB cable is engineered with one or two twisted pairs of solid conductors, shielded by a foil screen and complemented by a tinned copper drain wire—all encased in a green LSZH (Low Smoke Zero Halogen) jacket. Designed for high-performance communication, it ensures fast, stable data transmission across a wide range of system applications. Ideal for integrated setups, KNX/EIB cables are commonly deployed in Audio/Video intercoms, security camera networks, home automation systems, lighting control, and guest room management solutions.

TYPICAL APPLICATION

Our control cables are built for performance and reliability in a wide range of environments:

- **Audio & Signal Systems** - Clear, high-quality transmission.
- **Building Automation & BMS** - Reliable control of HVAC, lighting, and security.
- **Instrumentation** - Accurate and consistent data transfer.
- **Industrial & Commercial Sectors** - From factory automation and smart grids to robotics and AGVs.
- **RS-485 Communication** - Flame-retardant PVC cables designed for dependable computer communication systems.

Our KNX/EIB cables bring intelligence to modern spaces-whether it's smart homes, commercial buildings, or hotels. They integrate lighting, heating, HVAC, and security systems, while supporting intercoms and guest room management for seamless connectivity, comfort, and energy efficiency. One solution-endless applications.

PRODUCT FEATURES

Shielded & Unshielded Cables

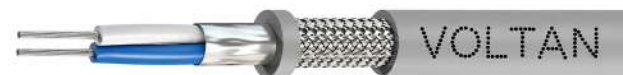
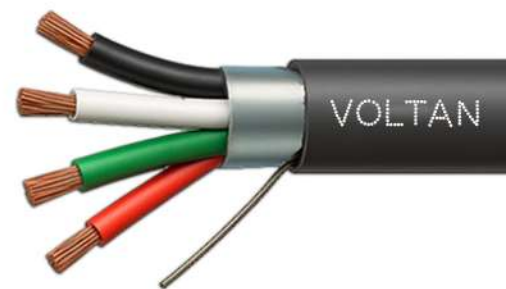
-  **EMI Protection** – Shielded design blocks interference
-  **Durable Conductors** – 12-24 AWG bare copper
-  **Safe Sheaths** – LSZH (low smoke, halogen-free) or PVC
-  **Outdoor-Ready** – PE sheath resists moisture & weather
-  **Wide Range** – Reliable from -25 °C to +75 °C
-  **Flexible Options** – 2 to 12 cores

RS-485 Cables

-  **Optimized 120 Ω** – Reliable long-distance signaling
-  **Superior Shielding** – Foil + braid + drain wire
-  **Installer-Friendly** – Flexible & easy to handle
-  **Consistent Performance** – Robust in demanding environments

KNX / EIB Cables

-  **Smart Building Ready** – Ideal for automation & BMS
-  **Safe Materials** – LSZH, PVC, or UV-resistant PE
-  **Strong & Reliable** – Stranded tinned copper conductors
-  **Easy Setup** – Color-coded twisted pairs, 305 m reels
-  **High Signal Integrity** – Low-capacitance, clean transmission
-  **Advanced Shielding** – Foil + braid + drain wire
-  **Versatile Use** – Homes, offices, hotels, security systems



WHY CHOOSE OUR CONTROL CABLES?

Our Shielded & Unshielded RS-485 and KNX cables ensure exceptional signal integrity, durability, and safety across demanding environments.

Reliable Communication – 120 Ω impedance & low capacitance for clean, interference-free data.

Superior Conductivity – Solid bare or stranded tinned copper for lasting performance.

Enhanced Protection – Foil, braid, and drain-wire shielding minimize EMI & crosstalk.

Versatile Sheaths – PVC, LSZH, or UV-resistant PE for indoor, outdoor, or halogen-free needs.

Easy Installation – Color-coded pairs & 305 m reels simplify setup.

Safety First – LSZH/HFFR jackets meet IEC fire & smoke standards.

Proven Use – Ideal for automation, BMS, security, and smart-home projects.

From industrial control to home automation, our cables deliver dependable performance and peace of mind.

ORDER INFORMATION

12 AWG

Shielded

2,3,4,5,6,8C - 12 AWG Shielded Multi Conductor Cable LSZH Sheath

Part No.	Description
VSC212L	Voltan UK 2 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC312L	Voltan UK 3 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC412L	Voltan UK 4 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC512L	Voltan UK 5 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC612L	Voltan UK 6 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC812L	Voltan UK 8 Core, 12 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,5,6,8C - 12 AWG Shielded Multi Conductor Cable PVC Sheath

VSC212P	Voltan UK 2 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC312P	Voltan UK 3 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC412P	Voltan UK 4 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC512P	Voltan UK 5 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC612P	Voltan UK 6 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC812P	Voltan UK 8 Core, 12 AWG Shielded Multi Conductor cable, PVC 305M / Roll

2,3,4,5,6,8C - 12 AWG Shielded Multi Conductor Cable PE Sheath

VSC212PE	Voltan UK 2 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC312PE	Voltan UK 3 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC412PE	Voltan UK 4 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC512PE	Voltan UK 5 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC612PE	Voltan UK 6 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC812PE	Voltan UK 8 Core, 12 AWG Shielded Multi Conductor cable, PE 305M / Roll

Unshielded

2,3,4,6,8C - 12 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC212L	Voltan UK 2 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC312L	Voltan UK 3 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC412L	Voltan UK 4 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC512L	Voltan UK 5 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC612L	Voltan UK 6 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC812L	Voltan UK 8 Core, 12 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,5,6,8C - 12 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC212P	Voltan UK 2 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC312P	Voltan UK 3 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC412P	Voltan UK 4 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC512P	Voltan UK 5 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC612P	Voltan UK 6 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC812P	Voltan UK 8 Core, 12 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

14 AWG

Shielded

2,3,4,6,8C - 14 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC214L	Voltan UK 2 Core, 14 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC314L	Voltan UK 3 Core, 14 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC414L	Voltan UK 4 Core, 14 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC614L	Voltan UK 6 Core, 14 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC814L	Voltan UK 8 Core, 14 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8C - 14 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC214P	Voltan UK 2 Core, 14 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC314P	Voltan UK 3 Core, 14 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC414P	Voltan UK 4 Core, 14 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC614P	Voltan UK 6 Core, 14 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC814P	Voltan UK 8 Core, 14 AWG Shielded Multi Conductor cable, PVC 305M / Roll

2,3,4,6,8C - 14 AWG Shielded Multi Conductor Cable PE Sheath	
VSC214PE	Voltan UK 2 Core, 14 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC314PE	Voltan UK 3 Core, 14 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC414PE	Voltan UK 4 Core, 14 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC614PE	Voltan UK 6 Core, 14 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC814PE	Voltan UK 8 Core, 14 AWG Shielded Multi Conductor cable, PE 305M / Roll

Unshielded

2,3,4,6,8C - 14 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC214L	Voltan UK 2 Core, 14 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC314L	Voltan UK 3 Core, 14 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC414L	Voltan UK 4 Core, 14 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC614L	Voltan UK 6 Core, 14 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC814L	Voltan UK 8 Core, 14 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8C - 14 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC214P	Voltan UK 2 Core, 14 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC314P	Voltan UK 3 Core, 14 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC414P	Voltan UK 4 Core, 14 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC614P	Voltan UK 6 Core, 14 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC814P	Voltan UK 8 Core, 14 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

16 AWG Shielded

2,3,4,6,8,10,2C - 16 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC216L	Voltan UK 2 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC316L	Voltan UK 3 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC416L	Voltan UK 4 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC616L	Voltan UK 6 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC816L	Voltan UK 8 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC1016L	Voltan UK 10 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC1216L	Voltan UK 12 Core, 16 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 16 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC216P	Voltan UK 2 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC316P	Voltan UK 3 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC416P	Voltan UK 4 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC616P	Voltan UK 6 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC816P	Voltan UK 8 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1016P	Voltan UK 10 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1216P	Voltan UK 12 Core, 16 AWG Shielded Multi Conductor cable, PVC 305M / Roll

2,3,4,6,8C - 16 AWG Shielded Multi Conductor Cable PE Sheath	
VSC216PE	Voltan UK 2 Core, 16 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC316PE	Voltan UK 3 Core, 16 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC416PE	Voltan UK 4 Core, 16 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC616PE	Voltan UK 6 Core, 16 AWG Shielded Multi Conductor cable, PE 305M / Roll
VSC816PE	Voltan UK 8 Core, 16 AWG Shielded Multi Conductor cable, PE 305M / Roll

Unshielded

2,3,4,6,8C - 16 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC216L	Voltan UK 2 Core, 16 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC316L	Voltan UK 3 Core, 16 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC416L	Voltan UK 4 Core, 16 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC616L	Voltan UK 6 Core, 16 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC816L	Voltan UK 8 Core, 16 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 16 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC216P	Voltan UK 2 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC316P	Voltan UK 3 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC416P	Voltan UK 4 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC616P	Voltan UK 6 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC816P	Voltan UK 8 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1016P	Voltan UK 10 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1216P	Voltan UK 12 Core, 16 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

2,3,4,6,8C - 16 AWG Unshielded Multi Conductor Cable PE Sheath	
VC216PE	Voltan UK 2 Core, 16 AWG Unshielded Multi Conductor cable, PE 305M / Roll
VC316PE	Voltan UK 3 Core, 16 AWG Unshielded Multi Conductor cable, PE 305M / Roll
VC416PE	Voltan UK 4 Core, 16 AWG Unshielded Multi Conductor cable, PE 305M / Roll
VC616PE	Voltan UK 6 Core, 16 AWG Unshielded Multi Conductor cable, PE 305M / Roll
VC816PE	Voltan UK 8 Core, 16 AWG Unshielded Multi Conductor cable, PE 305M / Roll

18 AWG

Shielded

2,3,4,6,8,10,12C - 18 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC218L	Voltan UK 2 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC318L	Voltan UK 3 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC418L	Voltan UK 4 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC618L	Voltan UK 6 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC818L	Voltan UK 8 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC1018L	Voltan UK 10 Core, 18 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 18 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC218P	Voltan UK 2 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC318P	Voltan UK 3 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC418P	Voltan UK 4 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC618P	Voltan UK 6 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC818P	Voltan UK 8 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1018P	Voltan UK 10 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1218P	Voltan UK 12 Core, 18 AWG Shielded Multi Conductor cable, PVC 305M / Roll

Unshielded

2,3,4,6,8,10,12C - 18 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC218L	Voltan UK 2 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC318L	Voltan UK 3 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC418L	Voltan UK 4 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC618L	Voltan UK 6 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC818L	Voltan UK 8 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC1018L	Voltan UK 10 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC1218L	Voltan UK 12 Core, 18 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 18 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC218P	Voltan UK 2 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC318P	Voltan UK 3 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC418P	Voltan UK 4 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC618P	Voltan UK 6 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC818P	Voltan UK 8 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1018P	Voltan UK 10 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1218P	Voltan UK 12 Core, 18 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

20 AWG Shielded

2,3,4,6,8C - 20 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC220L	Voltan UK 2 Core, 20 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC320L	Voltan UK 3 Core, 20 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC420L	Voltan UK 4 Core, 20 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC620L	Voltan UK 6 Core, 20 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC820L	Voltan UK 8 Core, 20 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10C - 20 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC220P	Voltan UK 2 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC320P	Voltan UK 3 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC420P	Voltan UK 4 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC620P	Voltan UK 6 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC820P	Voltan UK 8 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1020P	Voltan UK 10 Core, 20 AWG Shielded Multi Conductor cable, PVC 305M / Roll

Unshielded

2,3,4,6,8,12C - 20 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC220L	Voltan UK 2 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC320L	Voltan UK 3 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC420L	Voltan UK 4 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC620L	Voltan UK 6 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC820L	Voltan UK 8 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC1220L	Voltan UK 12 Core, 20 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 20 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC220P	Voltan UK 2 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC320P	Voltan UK 3 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC420P	Voltan UK 4 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC620P	Voltan UK 6 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC820P	Voltan UK 8 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1020P	Voltan UK 10 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1220P	Voltan UK 12 Core, 20 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

22 AWG

Shielded

2,3,4,6,8,10C - 22 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC222L	Voltan UK 2 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC322L	Voltan UK 3 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC422L	Voltan UK 4 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC622L	Voltan UK 6 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC822L	Voltan UK 8 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC1222L	Voltan UK 12 Core, 22 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,10,12C - 22 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC222P	Voltan UK 2 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC322P	Voltan UK 3 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC422P	Voltan UK 4 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC622P	Voltan UK 6 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC822P	Voltan UK 8 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1022P	Voltan UK 10 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC1222P	Voltan UK 12 Core, 22 AWG Shielded Multi Conductor cable, PVC 305M / Roll

Unshielded

2,3,4,6,8,12C - 22 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC222L	Voltan UK 2 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC322L	Voltan UK 3 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC422L	Voltan UK 4 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC622L	Voltan UK 6 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC822L	Voltan UK 8 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC1222L	Voltan UK 12 Core, 22 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,3,4,6,8,12C - 22 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC222P	Voltan UK 2 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC322P	Voltan UK 3 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC422P	Voltan UK 4 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC622P	Voltan UK 6 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC822P	Voltan UK 8 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC1222P	Voltan UK 12 Core, 22 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

24 AWG

Shielded

2,4,6,8C - 24 AWG Shielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VSC224L	Voltan UK 2 Core, 24 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC424L	Voltan UK 4 Core, 24 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC624L	Voltan UK 6 Core, 24 AWG Shielded Multi Conductor cable, LSZH 305M / Roll
VSC824L	Voltan UK 8 Core, 24 AWG Shielded Multi Conductor cable, LSZH 305M / Roll

2,4,6,8C - 24 AWG Shielded Multi Conductor Cable PVC Sheath	
VSC224P	Voltan UK 2 Core, 24 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC424P	Voltan UK 4 Core, 24 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC624P	Voltan UK 6 Core, 24 AWG Shielded Multi Conductor cable, PVC 305M / Roll
VSC824P	Voltan UK 8 Core, 24 AWG Shielded Multi Conductor cable, PVC 305M / Roll

Unshielded

2,4,6,8C - 24 AWG Unshielded Multi Conductor Cable LSZH Sheath	
Part No.	Description
VC224L	Voltan UK 2 Core, 24 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC424L	Voltan UK 4 Core, 24 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC624L	Voltan UK 6 Core, 24 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll
VC824L	Voltan UK 8 Core, 24 AWG Unshielded Multi Conductor cable, LSZH 305M / Roll

2,4,6,8C - 24 AWG Unshielded Multi Conductor Cable PVC Sheath	
VC224P	Voltan UK 2 Core, 24 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC424P	Voltan UK 4 Core, 24 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC624P	Voltan UK 6 Core, 24 AWG Unshielded Multi Conductor cable, PVC 305M / Roll
VC824P	Voltan UK 8 Core, 24 AWG Unshielded Multi Conductor cable, PVC 305M / Roll

Shielded Tinned Copper

16 AWG

2,4,6,8C - 16 AWG Shielded Multi Conductor Tinned Copper Cable LSZH Sheath	
Part No.	Description
VSC216L-TC	Voltan UK 2 Core, 16 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC316L-TC	Voltan UK 3 Core, 16 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC416L-TC	Voltan UK 4 Core, 16 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC616L-TC	Voltan UK 6 Core, 16 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC816L-TC	Voltan UK 8 Core, 16 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll

18 AWG

2,4,6,8C - 18 AWG Shielded Multi Conductor Tinned Copper Cable LSZH Sheath	
Part No.	Description
VSC218L-TC	Voltan UK 2 Core, 18 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC318L-TC	Voltan UK 3 Core, 18 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC418L-TC	Voltan UK 4 Core, 18 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC618L-TC	Voltan UK 6 Core, 18 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC818L-TC	Voltan UK 8 Core, 18 AWG Shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll

22 AWG

2,4,6,8C - 22 AWG Shielded Multi Conductor Tinned Copper Cable LSZH Sheath	
Part No.	Description
VSC222L-TC	Voltan UK 2 Core, 22 AWG shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC322L-TC	Voltan UK 3 Core, 22 AWG shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC422L-TC	Voltan UK 4 Core, 22 AWG shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC622L-TC	Voltan UK 6 Core, 22 AWG shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll
VSC822L-TC	Voltan UK 8 Core, 22 AWG shielded Multi Conductor Tinned Copper Cable, LSZH 305M / Roll

RS-485 CABLE

18 AWG

1 to 4 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH	
Part No.	Description
VFST118L	Voltan UK RS-485 1 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST218L	Voltan UK RS-485 2 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST318L	Voltan UK RS-485 3 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST418L	Voltan UK RS-485 4 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH

1 to 4 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, PVC	
VFST118P	Voltan UK RS-485 1 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST218P	Voltan UK RS-485 2 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST318P	Voltan UK RS-485 3 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST418P	Voltan UK RS-485 4 Pair, 18 AWG Tinned Copper Shielded Cable with Drain Wire, PVC

22 AWG

1 to 4 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH	
VFST122L	Voltan UK RS-485 1 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST222L	Voltan UK RS-485 2 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST322L	Voltan UK RS-485 3 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST422L	Voltan UK RS-485 4 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH

1 to 4 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, PVC	
VFST122P	Voltan UK RS-485 1 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST222P	Voltan UK RS-485 2 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST322P	Voltan UK RS-485 3 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST422P	Voltan UK RS-485 4 Pair, 22 AWG Tinned Copper Shielded Cable with Drain Wire, PVC

24 AWG

1 to 5 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH	
VFST124L	Voltan UK RS-485 1 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST224L	Voltan UK RS-485 2 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST324L	Voltan UK RS-485 3 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST424L	Voltan UK RS-485 4 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH
VFST524L	Voltan UK RS-485 5 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, LSZH

1 to 5 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC	
VFST124P	Voltan UK RS-485 1 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST224P	Voltan UK RS-485 2 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST324P	Voltan UK RS-485 3 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST424P	Voltan UK RS-485 4 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC
VFST524P	Voltan UK RS-485 5 Pair, 24 AWG Tinned Copper Shielded Cable with Drain Wire, PVC

22 & 24 AWG FR-PVC Sheath

1 to 4 Pair, 22 AWG Tinned Copper Shielded Cable, FR-PVC Sheath	
Part No.	Description
VFST122FPVC	Voltan UK RS-485 1 Pair 22 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST222FPVC	Voltan UK RS-485 2 Pair 22 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST322FPVC	Voltan UK RS-485 3 Pair 22 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST422FPVC	Voltan UK RS-485 4 Pair 22 AWG Tinned Copper Shielded Cable, FR-PVC Sheath

1 to 4 Pair, 24 AWG Tinned Copper Shielded Cable, FR-PVC Sheath	
VFST124FPVC	Voltan UK RS-485 1 Pair 24 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST224FPVC	Voltan UK RS-485 2 Pair 24 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST324FPVC	Voltan UK RS-485 3 Pair 24 AWG Tinned Copper Shielded Cable, FR-PVC Sheath
VFST424FPVC	Voltan UK RS-485 4 Pair 24 AWG Tinned Copper Shielded Cable, FR-PVC Sheath

KNX

PVC Jacket	
Part No.	Description
V1PKPV	Voltan UK KNX Cable 1 Pair, Shielded Cable, PVC Jacket
V2PKPV	Voltan UK KNX Cable 2 Pair, Shielded Cable, PVC Jacket

LSZH Jacket	
V1PKLZ	Voltan UK KNX Cable 1 Pair, Shielded Cable, LSZH Jacket
V2PKLZ	Voltan UK KNX Cable 2 Pair, Shielded Cable, LSZH Jacket

PE Sheath	
V1PKPE	Voltan UK KNX Cable 1 Pair, Shielded Cable, PE Jacket
V2PKPE	Voltan UK KNX Cable 2 Pair, Shielded Cable, PE Jacket

VOLTAN

Voltan Technology Limited stands as a dedicated leader in the electrical and electronics manufacturing industry, with a strong footprint across diverse sectors. Recognized globally as a specialist in low voltage solutions, we operate from our headquarters in London, UK. Delivering advanced, efficient methodologies to meet the dynamic needs of our clients.

Our comprehensive portfolio includes UPS systems, LAN & Control cables, Network Racks, and IP enclosures. We are proud to support a wide array of industries, including government, hospitality, education, healthcare, utilities, media and entertainment.

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