

## VDE Order Code

### A-BCDEFG HxI...JKLMN

#### A Basic Types

- A- - Outdoor telephone cables
- S- - Switchboard cables
- J- - Installation cables
- JE- - Fire Alarm cables
- AJ- - Outdoor cable with protection against inductive influences
- T- - Terminating cable

#### B Insulation Types

- 02Y - Cellular PE
- 2Y - Solid PE
- 02YS - Foam Skin Insulating cover of cellular PE with additional skin of solid polyolefine.
- Y - PVC
- H - LSZH

#### C Filling

- F - Petroleum jelly filling
- Blank - Unfilled

#### D Screening Material

- (St) - Static shield of plastic-backed aluminum Tape for indoor cables
- D - Shield of copper wire whipping over one stranding element (e.g. pair)
- LR - Corrugated aluminium tape
- Blank - No screen

#### E Bedding Material

- 2Y - PE
- Y - PVC
- H - LSZH
- M - Lead Sheath
- MZ - Special Alloyed Lead Sheath
- Blank - No Bedding

#### F Armouring Material

- b - Armouring

- SR - Corrugated steel tape
- T - Messenger of galvanized steel wires.
- Blank - No Armour

#### G Sheath Material

- 2Y - PE
- Y - PVC
- H - LSZH
- (L)2Y - Laminated sheath (shield of PE coated aluminium tape bonded with PE sheath).
- M - Lead Sheath
- MZ - Special Alloyed Lead Sheath
- Blank - No Sheath

#### H Number of Pairs/Quads

- 2x2 - 2 Pairs
- 2x4 - 2 Quads

#### I Conductor Size

- 0.4 - 0.4mm
- 0.5 - 0.5mm
- 0.6 - 0.6mm
- 0.8 - 0.8mm
- 0.9 - 0.9mm

#### J Stranding Element

- PiC - Pairs shielded with copper braid
- PiMF - Pairs shielded with aluminium/polyester tape
- St - Star Quad(Phantom)
- StI - Star Quad(trunk cable)
- StIII - Star Quad (local cable)
- TIC - Triple shielded with copper braid
- TiMF - Triple shielded with aluminium/polyester tape

#### K Cable Type

- S - Railway signaling cable

#### L Types of Stranding

- Lg - Stranded in layers
- Bd - Unit Type stranding



# Caledonian

## ORDERING INFORMATION

[www.caledonian-cables.co.uk](http://www.caledonian-cables.co.uk) [www.addison-cables.com](http://www.addison-cables.com)

### M Copper/Steel Tape/Braid Screen Options

(...Cu) - Total cross section of copper shield in mm sq

(fK) - Longitudinally applied copper tape, supplement to (St)

2B...- two layers of steel tape, thickness of steel tape in mm

### N Fire Resistance Options

E30 - 30mins circuit integrity according to DIN VDE 4102 Part 12

E60 - 60mins circuit integrity according to DIN VDE 4102 Part 12

F180 - 950°C 180mins Insulation integrity according to IEC 60331&VDE 0427-814

## For Example:

### Outdoor Telephone Cables

#### A-2YF(L)2Y...25X2X0.4 StIII Bd

Outdoor telephone cable, solid PE insulated, jelly filled, PE coated aluminium tape bonded with PE sheath, star quad & unit stranding, 25 Pairs 0.4mm to VDE 0816/DIN57816

#### A-2Y(L)2Y...25X2X0.4 StIII Bd

Outdoor telephone cable, solid PE insulated, PE coated aluminium tape bonded with PE sheath, star quad & unit stranding, 25 Pairs 0.4mm to VDE 0816

#### A-02YF(L)2Y...25X2X0.6 StIII Bd

Outdoor telephone cable, Cellular PE insulated, jelly filled, PE coated aluminium tape bonded with PE sheath, star quad & unit stranding, 25 Pairs 0.6mm to VDE 0816

#### A-02YSF(L)2YB2Y...25x2x0.6 StIII Bd

Outdoor telephone cable, foam skin insulated, jelly filled, PE coated aluminium tape bonded with PE sheath, double galvanized steel tape armoured, star quad & unit stranding, PE oversheathed, 25 Pairs 0.6mm to VDE 0816

### Indoor Telephone Cables

#### J-Y(St)Y...10X2X0.6 Lg

Installation cable, PVC Insulated, static shield of plastic backed aluminium Tape, PVC Sheathed, stranded in layers, 10 pairs 0.6mm to VDE 0815

#### J-2Y(St)Y...10X2X0.4 StIII Bd

Installation cable, solid PE Insulated, static shield of plastic backed aluminium Tape, PVC Sheathed, star quad and unit stranding 10 pairs 0.4mm to VDE 0815/0816

#### J-YY... 10X2X0.6 Bd

Installation cable, PVC Insulated, PVC Sheathed, star quad and unit stranding 10 pairs 0.6mm to VDE 0815/DIN 57815

### Outdoor Telephone Cables with protection against inductive influences.

#### AJ-2Y(St)YbY...10X4X1.4 S Lg (fK) (2B 0.5)

Outdoor Telephone Cable for railway signaling - Solid PE Insulated, aluminium tape shielded, PVC sheathed, stranded in layers, copper tape with two layers of steel tape of 0.5mm, 10 Quads 1.4mm

#### AJ-2YDYbY...7X4X1.4 S Lg (25...Cu/2B 0.5)

Outdoor Telephone Cable for railway signaling - Solid PE Insulated, copper wire shielded, PVC sheathed, stranded in layers, 1.2mm copper wire shield cross section 25mmsq, with two layers of steel tape of 0.5mm, 7 Quads 1.4mm