

## VDE Order Code

<b>A Basic Types</b>	<p>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</p>
<b>B Insulation Types</b>	<p>02Y - Cellular PE  2Y - Solid PE  02YS - Foam Skin Insulating cover of cellular PE with additional skin of solid polyolefine.  Y - PVC  H - LSZH</p>
<b>C Filling</b>	<p>F - Petroleum jelly filling  Blank - Unfilled</p>
<b>D Screening Material</b>	<p>(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</p>
<b>E Bedding Material</b>	<p>2Y - PE  Y - PVC  H - LSZH  M - Lead Sheath  MZ - Special Alloyed Lead Sheath  Blank - No Bedding</p>
<b>F Armouring Material</b>	<p>b - Armouring  SR - Corrugated steel tape  T - Messenger of galvanized steel wires.  Blank - No Armour</p>
<b>G Sheath Material</b>	<p>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</p>

<b>H Number of Pairs/Quads</b>	2x2 - 2 Pairs 2x4 - 2 Quads
<b>I Conductor Size</b>	0.4 - 0.4mm 0.5 - 0.5mm 0.6 - 0.6mm 0.8 - 0.8mm 0.9 - 0.9mm
<b>J Stranding Element</b>	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
<b>K Cable Type</b>	S - Railway signaling cable
<b>L Types of Stranding</b>	Lg - Stranded in layers Bd - Unit Type stranding
<b>M Copper/Steel Tape/Braid Screen Options</b>	(...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
<b>N Fire Resistance Options</b>	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:**

<b>Outdoor Telephone Cables</b>	
<b>A-2YF(L)2Y...25X2X0.4 StIII Bd</b>	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
<b>A-2Y(L)2Y...25X2X0.4 StIII Bd</b>	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
<b>A-02YF(L)2Y...25X2X0.6 StIII Bd</b>	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
<b>A-02YSF(L)2YB2Y...25x2x0.6 StIII Bd</b>	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
<b>Indoor Telephone Cables</b>	
<b>J-Y(St)Y...10X2X0.6 Lg</b>	Installation cable, PVC Insulated, static shield of plastic backed aluminium Tape, PVC Sheathed, stranded in layers, 10 pairs 0.6mm to VDE 0815
<b>J-2Y(St)Y...10X2X0.4 StIII Bd</b>	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