



**SP ENERGY
NETWORKS**

**GLOSSARY OF ABBREVIATIONS ON
SP ENERGY NETWORKS DRAWINGS**

| ABBREVIATION | FULL TERM |
|---------------------|---|
| (Single) A | Single Armoured Cable |
| //TJ | Parallel T Joint |
| 2W Solid | 2 Way Solid |
| 3 cal cas | Callendar casing 3 way |
| 3 CD | Crompton Davies Casing – 3 way |
| 3W Solid | 3 Way Solid |
| 4BJ | 4 Way |
| A | Assumed or Armoured Cable |
| A (N) | Armoured Cable Non Drain |
| ADV or ABP | Advertising Board/Pillar |
| AEP | Asbestos Everite Pipe |
| AFP | American Fibre Pipe |
| AL | Aluminium Cable |
| AL A | Aluminium Conductor Armoured Cable |
| AL HVA | High Voltage Aluminium Conductor-Armoured |
| ALC PVC | Aluminium Concentric (equivalent to CNE) |
| ASB | Advertising Sign Board or Alarm System Box |
| B | Blue |
| B.S. | Bus Shelter/Stop |
| BJ | Breech/Trouser Joint |
| BL | Bracket Lamp |
| Buttj | Butt Joint or Dummy Breech Joint |
| C | Core |
| C.E. | Cap End Joint |
| CA | Concentric Armoured |
| CAL CAS | Callendar Casing |
| CCTV | Closed Circuit TV |
| CD | Crompton Davies Casing |
| CI | Cast Iron Pipe |
| CNE | Combined Neutral and Earth |
| COMMS | Communications Box |
| CON | Concentric |
| CONS | Consac |
| CS | Concentric Solid or Cut & Seal a Joint |
| CTV | Cable TV Box |
| Cu | Copper |

| ABBREVIATION | FULL TERM |
|-----------------------|--|
| D CAS | Doulton Casing |
| DBJ | Double Breech Joint |
| DC - | Direct Current -ve |
| DC + | Direct Current +ve |
| DP | Deep |
| DUMMY | Dummy Breech/Trouser Joint |
| EHT | Extra High Tension |
| EHV | Extra High Voltage (33000-132000 volts) |
| EOM | End of Main Joint |
| EWP | Earthen Ware Pipe |
| F.Pillar or FP | Feeder Pillar |
| FS | Flat Seal Joint same as a CE or PE |
| GI | Galvanised Iron Pipe |
| GIS | Geographical Information System |
| GND | Geoschematic Network Diagram |
| GWB | Garden Wall Box |
| H Type | EVH Cables, larger than HV, Wire Armoured may have communication cables running alongside |
| H Type (Newer) | Black PVC Sheath, could be Wire Armoured or Un-Armoured, sheath may be Graphite may have communication cables |
| HSL Type | EVH Cables, larger than H Type, Wire Armoured may have communication cables running alongside |
| HV | High Voltage – (3300v-11000v) |
| HVA | High Voltage Armoured |
| HVJ | High Voltage Joint |
| HVP | High Voltage Protected |
| HVWA | High Voltage Wire Armoured |
| ICE DE | Ice Detector |
| IRT | Image Reflection Tool Kit |
| J | Unknown Joint |
| KL | Keep Left |
| KV | Kilo Voltage |
| KVA | Kilo Volt Amps |

| ABBREVIATION | FULL TERM |
|---------------------|---|
| LB | Lamp Bracket or Link Box |
| LC | Lead Covered |
| LP | Lamp Post |
| LV | Low Voltage – (200-1000v) |
| MP | Mini Pillar |
| MV | Medium Voltage (equivalent to LV) |
| N | Neutral |
| OOU | Out of Use |
| OS | Ordinance Survey |
| P | Protected Cable |
| P.Box | Police Box |
| P.E. | Post End or Pot End Joint |
| PB | Pavement Box |
| PCP | Plastic Corrugated Pipe |
| PICAS | Paper Insulated Corrugated Aluminium Sheathed |
| PILC | Paper Insulated Lead Covered |
| PILCSTA | Paper Insulated Lead Covered Steel Tape Armoured – LV Cable |
| PILCSWA | Paper Insulated Lead Covered Steel Wire Armoured – HV Cable |
| PILOT | Usually laid alongside HV Cables, Wire/Tape Armoured – Communication between Substations |
| PILOT A | Armoured Pilot |
| PILOT P | Protected Pilot |
| PILOT PVC | PVC Pilot |
| PJ | Pilot Joint |
| PME | Protective Multiple Earth |
| PP | Pawl Post |
| PTM | Parking Ticket Machine |
| PVC | Polyvynylchloride Pipes |
| R | Red |
| R.S. | Road Sign |
| RJ | Resin Filled Joint |
| RMU | Road Management Unit – (Traffic Controllers) |
| | |

| ABBREVIATION | FULL TERM |
|---------------------|--|
| S + BJ | Straight + Breech/Trouser Joint |
| S + DBJ | Straight + Double Breech Joint |
| S + TBJ | Straight + Triple Breech Joint |
| S.C. | Speed Camera |
| S.E. | Spare End |
| S.J. | Straight Joint |
| S.L.P. | Street Lighting Pillar or Switch Lamp Post |
| S.N.E. | Separate Neutral and Earth |
| S.S. | Speed Sign or Sleeve (Split) Joint |
| S/SLVE | Sleeve Joint |
| S/Stn | Substation |
| SAC | Stranded Aluminium Conductor |
| SCA | Screen Wired Armoured |
| SCCK or CCB | Speed Camera Control Kiosk (Speed Cameras) |
| SPC PVC | Split Concentric (equivalent to SNE) |
| St T | Steel Tape Armoured |
| STA | Steel Tape Armoured |
| SWA 33kv | 33kv Steel Wired Armoured (shown as a broken line in 1:500) |
| T.A. | Tape Armoured |
| T.C.B. | Traffic Control Box |
| T.S. | Traffic Signal |
| TBJ | Triple Breech Joint |
| TCA | Tape/Triple Concentric Armoured |
| TCS | Tape/Triple Concentric Solid |
| TE | Tail End |
| TELE J | Telephone Joint |
| TJ | Tee Joint |
| TK or TCB | Telephone Kiosk |
| TM | Traffic Management or Tap Meter (internal loop) |
| TPN | Triple Pole and Neutral |
| TRIF J | Trifurcating Joint (3 cables to 1 cable) |
| TV AMP | Television Amplifier |
| TW | Twin Wire |

| ABBREVIATION | FULL TERM |
|---------------------|--|
| VMU | Vehicle Management System (traffic controllers) |
| W | White |
| WA | Wire Armoured |
| Waveform | Medium Density, Polythene – LV Cable |
| WB or Wbox | Wall Box |
| XJ | Low Voltage Joint |
| XLPE | Single Core, un-armoured cable for 11/33kv, insulated in Trefoil formation with separate earth conductors |
| XMAS TREE | Christmas Tree |
| Y | Yellow |
| YJ | Breech/Trouser Joint or Straight & Breech/Trouser Joint |
| ZC or ZX | Zebra Crossing |