

Terminology

Common abbreviations and their definitions

Conductors

Abbreviation	Definition
AL	Aluminium wire or foil
CCS	Copper Covered Steel wire
CU	Copper wire or foil
GAL ST	Galvanised Steel wire
HSA	Silver plated High Strength copper Alloy wire
NPC	Nickel Plated Copper wire
SCCS	Silver plated Copper Covered Steel wire
SPC	Silver Plated Copper wire
ST ST	Stainless Steel wire
TPC	Tin Plated Copper wire

Fillers and tapes

Abbreviation	Definition
Al/Pr	Aluminium backed Polyester foil
Cu/Pr	Copper backed Polyester foil
HT	High Temperature (glass yarn) filler
LT	Low Temperature filler (typically solid, some sizes extruded over a thin thread)
SW	Water-Swelling tape or filler

Finished cables

Abbreviation	Definition
HFJ	Halogen Free Jacket (sheath)
ST	Screened and Twisted without a jacket (sheath)
STJ	Screened, Twisted and Jacketed (sheathed)
T	Twisted wires, without screen or jacket (sheath)
TJ	Twisted and Jacketed (sheathed)

Plastics

Abbreviation	Definition
FPI	FluoroPolymer Insulation (can also refer to an outer sheath)
HFI	Halogen Free Insulation
HFR	Halogen Free Rubber insulation or sheath
HFS	Halogen Free Sheath
LSI	Cross-Linked fluoropolymer Sheath or Insulation
MPR	Melt Processable Rubber insulation or sheath
TPS	ThermoPlastic Sheath
TPU	Thermoplastic PolyUrethane
TWI	Tape Wrapped Insulation (can also refer to an outer sheath)

Properties

Abbreviation	Definition
FR	Flame Retardant
HFFR	Halogen Free, Flame Retardant insulation or sheath
LFH	Low Fire Hazard
LSF	Low Smoke and Fume emission
LSZH (LS0H)	Low Smoke, Zero Halogen emission
RAD TOL	Radiation Tolerant
UL	Underwriters Laboratories certified product
XL	X-linked (cross-linked) product, either by electron-beam irradiation, or a chemical curing process
ZH	Zero Halogen emission