

Code designations for cables

A cable code of 2 - 4 letters is used to describe the construction.

Additional abbreviation for instrumentation cables: Collective screen = (c) Individual pair or triple screen = (i)

The interpretation (per letter) can be read from the table below:

1st. letter: Insulation		2nd. letter Bedding / inner sheath		3rd. letter Armouring / screen		4th. letter Outer sheath	
A	Fibre, tight cladded	A	Aluminium (optional with corrosion protection)	A	Strength member yarn	A	Yarn + bitumen
B	Fire resistant tape + insulation (Halogen-free)	B	Corrogated aluminium (o.w.c.p.)	B	Steel tapes, 2 off	B	Hydrocarbon resistant sheath
C	Polychloroprene (Neoprene) PCP, or chlorinated polyethylene - CPE	C	Polychloroprene (Neoprene) PCP, or chlorinated polyethylene - CPE	C	Galvanized steel wire braid	C	Polychloroprene (Neoprene) PCP, or chlorinated polyethylene - CPE
D	Impregnated paper Drip free	D	Aluminium + Plastics	D	Oil filled cable reinforcement (Longitudinal / Transverse)	D	
E	Polyethylene - PE Polypropylene - PP	E	Polyethylene - PE Polypropylene - PP	E	Oil filled cable reinforcement (Transverse only)	E	Polyethylene - PE Polypropylene - PP
F	PE or PP + filling compound	F	Bedding or taping (Halogen-free)	F	Flat steel wire armour	F	Semi-conducting PE
G	Polyamid - PA	G		G		G	PE + PA
H	Chlorosulphonated polyethylene - CSP	H	Chlorosulphonated polyethylene - CSP	H	Steel tape + steel wires	H	Chlorosulphonated polyethylene - CSP
I	Thermoplastic compound (Halogen-free)	I	Thermoplastic compound (Halogen-free)	I	Steel tapes, 4 off	I	Thermoplastic compound (Halogen-free)
K	Paper	K	Lead	K	Steel wire, plastics or rubber coated	K	Lead
L	Air + plastics (Coaxial cable)	L	Aluminium laminate + plastics sheath	L	Aluminium (laminated to outer jacket)	L	
M	Expanded PE or PP + filling compound	M	Polyester	M		M	Polyester
N	Impregnated paper	N	Polyurethane	N	Steel (laminated to outer jacket)	N	Polyurethane
O	Impregnated paper, oilfilled cable	O	Lead + Plastics	O	Copper wire braid (Tinned or bare)	O	
P	Polyvinylchloride - PVC	P	Polyvinylchloride - PVC	P	Phosphorbronze wire braid	P	Polyvinylchloride - PVC
Q	Fibre in loose tube	Q		Q	Steel wires + counter steel tape (optional)	Q	
R	Ethylenepropylene rubber - EPR	R	Ethylenepropylene rubber - EPR	R	Steel wires (round) + filling compound	R	Ethylenepropylene rubber - EPR
S	Silicone rubber	S	Bedding or taping + concentric conductor	S	Concentric conductor (Screen)	S	Silicone rubber
T	Cross-linked polyethylene XLPE	T	PE + aluminium wire + steel tape	T		T	Cross-linked polyethylene XLPE
U	Halogen-free thermoset compound EMA or EVA	U	Halogen-free thermoset compound EMA or EVA	U		U	Halogen-free thermoset compound EMA or EVA
V	Fibre, slotted core	V	Aluminium screen	V	Double wire armour (two layers)	V	Other halogen-free thermoset materials
W	Other materials	W	Other materials	W	Catenary wire	W	Other materials
X	No insulation	X	No bedding or equivalent	X	No armour	X	No sheath
Y		Y	Screen	Y		Y	
Z	Flour plastics PTFE / FEP	Z	Flour plastics	Z		Z	Flour plastics