

# Code designation 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 Corrograted 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	R Steel wires (round) + filling compound	S Silicone rubber
T Cross-linked polyethylene XLPE	T PE + aluminium wire + steel tape	S Concentric conductor (Screen)	T Cross-linked polyethylene XLPE
U Halogen-free thermoset compound EMA or EVA	U Halogen-free thermoset compound EMA or EVA	T	U Halogen-free thermoset compound EMA or EVA
V Fibre, slotted core	V Aluminium screen Other materials	U	V Other halogen-free thermoset materials
W Other materials	W	V Double wire armour (two layers)	W Other materials
X No insulation	X No bedding or equivalent	W Catenary wire	X No sheath
Y	Y Screen	X No armour	Y
Z Flour plastics PTFE / FEP	Z Flour plastics	Y	Z Flour plastics
		Z	