NEK606 Cable Designations

Additional abbreviation for instrumentation cables:
(c) collective screen, (i) individual pair or triple screen

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	Galvanised steel wire braid	C	Polychloroprene (Neoprene) PCP, or chlorinated polyethylene - CPE
D	Impregnated paper drip free	D	Aluminium + plastics	D	Oil filled cable reinforcement (longitidinal/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	Chlorosulphanated polyethylene CSP	H	Chlorosulphanated polyethylene CSP	H	Steel tape + steel wires	H	Chlorosulphanated polyethylene CSP
I	Themoplastic compound (Halogen-free)	I	Themoplastic compound (Halogen-free)	I	Steel tapes, 4 off	I	Themoplastic 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 drip free	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 briad	P	Polyvinylchloride PVC
Q	Fibre in loose tube	Q		Q	Steel wire + counter steel tape (optional)	Q	
R	Ethylenepropylene rubber = EPS	R	Ethylenepropylene rubber = EPS	R	Steel wires (round) + filling compound	R	Ethylenepropylene rubber = EPS
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	Fire, 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	Four plasticsPTFE/FEP	Z	Flour plastics	Z		Z	Flour plastics