

Abbreviations coding instrumentation cables

For example:

RE- 2Y (ST) YMYSWAY-fl TiMF

Cable type	Code
Instrumentation and instrumentation control cable	RE-
Thermocouple extension or compensating cable	RT-

Metal cladding of conductor	Code
Copper conductor, tinned	-V

Insulation and/or sheath materials	Code
Insulation, inner or outer sheath of polyvinylchloride (PVC)	Y
Insulation, inner or outer sheath made of heat resistant polyvinylchloride (PVCw)	Yw
Outer sheath made of polyvinylchloride of increased thickness	Yv
Insulation, inner or outer sheath made of polyethylene (PE)	2Y
Insulation made of cross linked polyethylene (XLPE)	2X
Inner or outer sheath made of zero halogen, flame-retardant compound (LSZH)	H
Insulation made of silicone (Sil)	2G
Covering made of polyamide (nylon)	4Y



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Screening	Code
Static screen made of laminated plastic tape laminated with aluminum	(St)
Longitudinally applied aluminum foil, one or both sides plastic-coated	(L)
Braid made of tinned or untinned copper wires over the cable core	C
Wrapping made of copper foil	K
Pair in Metal Foil	PiMF
Triple in Metal Foil	TiMF
Braid of tinned or untinned copper wires over a single cabling element	(C)

Metal sheath	Code
Sheath made of lead	M

Armor	Code
Galvanized round steel wires	SWA/R
Galvanized round steel wires with counter helix made of galvanized steel tape	RG
Galvanized flat steel wires with counter helix made of galvanized steel tape	FG
Double layer made of galvanized steel tapes	B
Braid made of galvanized round steel wires	SWB/Q

Armor	Code
Further properties	CI
Circuit Integrity (resistance to fire)	-fl
Increased flame retardancy; meets requirements for IEC 60332-3-24 (cat. C) fulfilled	F