

# DESIGNATION CODES - CEI 20-27

## Standard reference

H	Cable complying harmonized standards
A	Cable nationally recognized, listed in harmonized standards supplements
N	Authorized national cable

## Rated voltage

01	$U_0/U = 100/100$ V
03	$U_0/U = 300/300$ V
05	$U_0/U = 300/500$ V
07	$U_0/U = 450/750$ V
1	$U_0/U = 0,6/1$ kV

## Insulation and non metallic sheath

B	Ethylene propylene rubber, maximum conductor temperature 60°C
G	Ethylene vinylacetate
G9	Special cross-linked elastomer
J	Glass fiber braid
M	Mineral insulation
N	Polychloroprene (or equivalent synthetic elastomer)
N2	Special polychloroprene compound for welding cables
N4	Polyethylene chlorosulfonated or chlorinated
N8	Special polychloroprene compound water resistant
Q	Polyurethane
Q4	Polyamide
R	Ordinary ethylene propylene rubber or equivalent synthetic elastomer, temperature 60°C
S	Silicone rubber
T	Textile braid, impregnated or not, on assembled cores
T6	Textile braid, impregnated or not, on individual cores of a multi-core cable
V	Polyvinyl chloride (or PVC) commonly used
V2	PVC compound, maximum conductor temperature 90°C
V3	PVC compound for low temperature
V4	Cross-linked PVC
V5	Special PVC compound, oil resistant
Z	Cross-linked polyolefin compound with low toxicity and corrosiveness
Z1	Thermoplastic polyolefin compound with low toxicity and corrosiveness

## Metallic covering

C	Concentric copper conductor
C4	Copper braid screen
C7	Copper screen made of round or flat wires or tapes

## Cable components

D3	Strain bearing element consisting of one or more components
D5	Central filler

## Special constructions

-	Round cable - No symbol
H	Divisible flat cable
H2	Undivisible flat cable
H6	Flat cables with three or more cores
H7	Double-layer insulated cables
H8	Extensible cable

## Conductor

- D	Flexible conductor for welding machine cables
- E	Extra flexible conductor for welding machine cables
- A	Aluminium
- H	Extra flexible conductor, class 6
- F	Flexible conductor for mobile laying, class 5
- R	Rigid round stranded conductor
- U	Rigid round solid conductor
- Y	Smil-copper conductor
- K	Flexible conductor for fixed laying, class 5

