



## Product Nomenclature

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### Relationship of Cable to Standards

- H Cable conforming with harmonized standards
- A Recognized National Type of cable listed in the relevant Supplement to harmonized standards

### Symbol Value, Uo/U

- 01 100/100V; (<300/300V)
- 03 300/300V
- 05 300/500V
- 07 450/750V

### Material

- B Ethylene-propylene rubber
- G Ethylene-vinyl-acetate
- J Glass-fiber braid
- N Polychloroprene (or equivalent material)
- N2 Special polychloroprene compound for covering of welding cables according to HD 22.6
- N4 Chlorosulfonated polyethylene or chlorinated polyethylene
- N8 Special water resistant polychloroprene compound
- Q Polyurethane
- Q4 Polyamide
- R Ordinary ethylene propylene rubber or equivalent synthetic elastomer for a continuous operating temperature of 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 Ordinary PVC
- V2 PVC compound for a continuous operating temperature of 90°C
- V3 PVC compound for cables installed at low temperature
- V4 Cross-linked PVC
- V5 Special oil resistant PVC compound
- Z Polyolefin-based cross-linked compound having low level of emission of corrosive gases and which is suitable for use in cables which, when burned, have low emission of smoke
- Z1 Polyolefin-based thermoplastic compound having low level of emission of corrosive gases and which is suitable for use in cables which, when burned, have low emission of smoke



## Italian Standard

### Sheath, concentric conductors and screens

- C Concentric copper conductor
- C4 Copper screen as braid over the assembled cores

### Sheath, concentric conductors and screens

- D Strain-bearing element consisting of one or more textile components, placed at the centre of a round cable or tributed inside a flat cable
- D5 Central heart (non strain-bearing for lift cables only)
- D9 Strain-bearing element consisting of one or more metallic components, placed at the centre of a round cable or distributed inside a flat cable

### Special construction

- No Symbol Circular construction of cable
- H Flat construction of “divisible” cables and cores, either sheathed or non-sheathed
- H2 Flat construction of “non-divisible” cables and cores
- H6 Flat cable having three or more cores, according to DH 359 or EN 50214
- H7 Cable having a double layer insulation applied by extrusion

### Conductor material

- No Symbol Copper
- A Aluminium

### Conductor form

- D Flexible conductor for use in arc welding cables to HD 22Part 6 (flexibility different from Class 5 of HD 383)
- E Highly flexible conductor for use in arc welding cables to HD22 Part 6 (flexibility different from Class 6 of HD 383)
- F Flexible conductor of a flexible cable or cord (flexibility according to Class 5 of HD 383)
- H Highly flexible conductor of a flexible cable or cord (flexibility according to Class 6 of HD 383)
- K Flexible conductor of a cable for fixed installations (unless otherwise specified, flexibility according to Class 5 of HD 383)
- R Rigid, round conductor, stranded, class 2
- U Rigid round conductor, solid, class 1
- Z Special shaped and/or material conductor



### Insulation type

E	Polyethylene
G7	HEPR rubber
G10	Cross linked elastomeric compound halogen free and low smoke t. 90°C
G20	Cross linked elastomeric compound halogen free and low smoke t. 90°C
M9	Thermoplastica compound halogen free and low smoke t. 70°C
R	PVC compound t. 70°C T1 T2 standard
R2	R2 high quality
R3	PVC compound t. 105°
R4	Polyamides compound
R7	PVC compound t. 90°C T13
T	One or more mica glass tapes or closed glass braid

### Screens and concentric conductors

C	Concentric copper conductor
H1	Tape, flat wire or copper wire screen
H2	Copper braid screen
H3	Double copper braid screen
H4	Longitudinally and corrugated steel tape screen
H5	Longitudinally aluminium coated tape

### Non-metal sheathes

E	Polyethylene
E4	Cross linked polyethylene sheath E4M
G	Rubber sheath
K	Polychloroprene sheath
R4	Polyamide compound sheath
M1	Thermoplastica compound halogen free and low smoke t. 70°C
M2	Elastomeric compound halogen free and low smoke
M3	Elastomeric compound halogen free and low smoke
M4	Elastomeric compound halogen free and low smoke

### Cable shape

O	Round
D	Flat
X	Helically wound