

# Power cables and wires










## Core identification

### Core identification acc. to VDE 0293-308:2003-01




This identification acc. to HD 308 S2 applies to cables and cords up to 1 kV for fixed and flexible installation.

#### Multi-core cables

Execution	Number of core	Identification	
with gn-ye  (-J) or ..G..	3	gn-ye/bu/bn 	Examples: NYM-J, NYY-J, H07RN-F, H03VV-F, H05VV-F etc. with protective conductor
	4	gn-ye/bn/bk/gy 	
	5	gn-ye/bu/bn/bk/gy 	

Execution	Number of core	Identification	
without gn-ye  (-O) or ..X..	2	bu/bn 	Examples: NYM-O, NYY-O, NYCWY, NYCY H07RN-F, H03VV-F, H05VV-F etc. o without protective conductor
	3	bn/bk/gy 	
	4	bu/bn/bk/gy 	
	5	bu/bn/bk/gy/bk 	

#### Single-core cables

Execution	Number of core	Identification
Protective conductor	1	gn-ye 
Neutral conductor	1	bu 
Phase conductor	1	bn/bk/gy 

#### Multi-wire versions

Cables and wires with more than 6 cores have black cores with white numbers and if applicable a green/yellow protective earth conductor.