



Technical Information

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Core Identification

The identification of insulated conductors (cores) for the 250 V cables

Cable element	Colour of cores		
Pair	Black	Light blue	
Triple	Black	Light blue	Brown

Pairs/triples are numbered with numbered tape or by numbers printed directly on the insulated conductors

The identification of insulated conductors (cores) for the 0.6/1 kV cables according to NEK standard

No. of cores	Colour of cores			
Single core	Off-white(grey)			
Two cores	Off-white(grey)	Black		
Three cores	Off-white(grey)	Black	Red	
Four cores	Off-white(grey)	Black	Red	Blue
above 4 cores	black numbers on white base			
earthing core	yellow/green			

The identification of insulated conductors (cores) for the 0.6/1 kV cables according to standard HD 308 S2

Cables with a green/yellow core					
No. of cores	Colour of cores*				
Three cores	Green/yellow	Blue	Brown		
Four cores**	Green/yellow	-	Brown	Black	Grey
Four cores	Green/yellow	Blue	Brown	Black	
Five cores	Green/yellow	Blue	Brown	Black	Grey

** For certain applications only.

* In this table an uninsulated concentric conductor, such as a metallic sheath, armour or screen wires, is not regarded as a core. A concentric conductor is identified by its position and, therefore, need not be identified by colour.

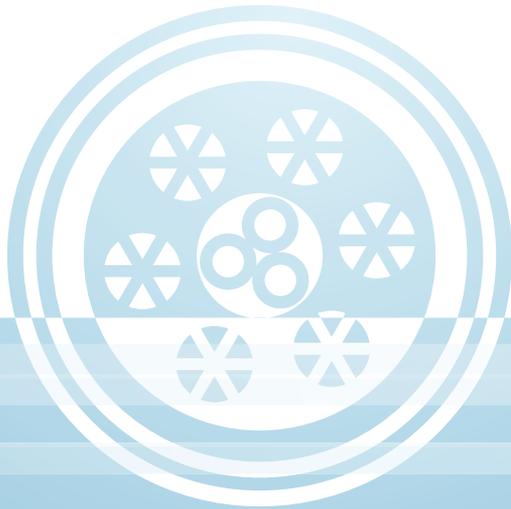
Cables without a green/yellow core					
No. of cores	Colour of cores*				
Two cores	Blue	Brown			
Three cores**	-	Brown	Black	Grey	
Three cores	Blue	Brown	Black		
Four cores	Blue	Brown	Black	Grey	
Five cores	Blue	Brown	Black	Grey	Black

** For certain applications only.

* In this table an uninsulated concentric conductor, such as a metallic sheath, armour or screen wires, is not regarded as a core. A concentric conductor is identified by its position and, therefore, need not be identified by colour.

The identification of insulated conductors (cores) for the 3.6/6kV, 6/10kV, 8.7/15kV, 12/20kV and 18/30kV cables

No. of cores	Colour of cores
Single core	off-white insulation + black semi conducting layers
Three cores	off-white insulation + black semi conducting layers off-white (grey) - black – red tape/thread in spiral around the cores.
earthing core	yellow/green



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