

PN 750V

connecting wire



GENERAL INFO

Cable for open or hidden pipe installation and as a connecting cable. Yellow / red color is allowed for signal reference earth, tele and data (SRJ).

Cenelec: H07V-R

CABLE CONSTRUCTION

Conductor material	Copper
Core insulation material	Polyvinyl chloride (PVC)
Drain wire	No
Longitudinal water blocking cable	No
Radial water blocking cable	No
Core identification (acc. HD 308 S2)	Yes
Twisted cores	No
Screen	No
Lead sheath	No
Material outer sheath	Polyvinyl chloride (PVC)
Cable shape	Round
Flame retardant	In accordance with EN/IEC 60332-1-2

MARKING TEXT ON OUTER SHEATH (EXAMPLE)

STANDARDS APPLIED



EN 50525-2-31 IEC 60227-3
IEC 60228 class 2
IEC 60332-1
EN 50575:2014+A1:2016

Construction
Conductors
Flame retardant properties
Reaction to fire

APPLICATION PROPERTIES

Nominal voltage U ₀ [V]	450
Nominal voltage U [V]	750
Flame retardant	In accordance with EN/IEC 60332-1-2
Reaction-to-fire class (acc. EN 13501-6)	Eca
Max. conductor temperature [°C]	70
Bending radius (rule)	3xD

PRODUCT RANGE / ORDER DATA

Basic construction	Colour outer sheath	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
1,5mm ²	Blue	1002608	Bobbin	150	7021521718697	20075370	1060702
1,5mm ²	Brown	1002608	Bobbin	150	7021521719687	20075369	1060704
1,5mm ²	Grey	1002608	Bobbin	150	7021521717867	20075373	1060701
1,5mm ²	Grey	1002608	Bobbin	150	7021521717294	20075844	1060700
1,5mm ²	Green/yellow	1002608	Bobbin	150	7021521719434	20075842	1060703
2,5mm ²	Blue	1002608	Bobbin	100	7021521720812	20075846	1060709
2,5mm ²	Brown	1002608	Bobbin	100	7021521721901	20075841	1060711
2,5mm ²	Grey	1002608	Bobbin	100	7021521720508	20075378	1060708
2,5mm ²	Black	1002608	Bobbin	100	7021521720089	20075847	1060707
2,5mm ²	Green/yellow	1002608	Bobbin	100	7021521721642	20075376	1060710
16mm ²	Green/yellow	1003501	Drum	1,000	6430065754046	20095559	1060748
25mm ²	Green/yellow	1003501	Drum	500	6430010755166	20095564	1060757
35mm ²	Green/yellow	1003501	Drum	500	7021521735014	20075410	1060765
50mm ²	Green/yellow	1003501	Coil	50	7021521736820	20075797	1060771
50mm ²	Green/yellow	1003501	Drum	500	6430010755180	20095567	1060774
70mm ²	Green/yellow	1003501	Drum	500	6430010755203	20095568	1060788
95mm ²	Black	1003501	Drum	500	7021521740049	20075413	1060792
95mm ²	Green/yellow	1003501	Drum	500	7021521740100	20075799	1050466
120mm ²	Green/yellow	1003501	Drum	300	7021521742500	20075800	1050476

ER = Copper solid round

FR = Copper stranded round

FV = Copper stranded sectorshaped

AFR = Aluminium stranded round

AFV = Aluminium stranded sectorshaped

DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
PN 750V 1,5MM2 BLÅ S150	Bobbin	150	3.2	1002608	1060702
PN 750V 1,5MM2 BRUN S150	Bobbin	150	3.2	1002608	1060704
PN 750V 1,5MM2 LYS GRÅ S150	Bobbin	150	3.2	1002608	1060701
PN 750V 1,5MM2 SORT S150	Bobbin	150	3.2	1002608	1060700
PN 750V 1,5MM2 G/GR S150	Bobbin	150	3.2	1002608	1060703
PN 750V 2,5MM2 BLÅ S100	Bobbin	100	3.4	1002608	1060709
PN 750V 2,5MM2 BRUN S100	Bobbin	100	3.4	1002608	1060711
PN 750V 2,5MM2 LYS GRÅ S100	Bobbin	100	3.4	1002608	1060708
PN 750V 2,5MM2 SORT S100	Bobbin	100	3.4	1002608	1060707
PN 750V 2,5MM2 G/GR S100	Bobbin	100	3.4	1002608	1060710
PN 750V 16MM2 G/GR K6/1000	Drum	1,000	179	1003501	1060748
PN 750V 25MM2 G/GR K6/500	Drum	500	148	1003501	1060757
PN 750V 35MM2 G/GR K6/500	Drum	500	194.5	1003501	1060765
PN 750V 50MM2 G/GR B50	Coil	50	24.5	1003501	1060771
PN 750V 50MM2 G/GR K7/500	Drum	500	265	1003501	1060774
PN 750V 70MM2 G/GR K7/500	Drum	500	359	1003501	1060788
PN 750V 95MM2 SORT K8/500	Drum	500	488	1003501	1060792
PN 750V 95MM2 G/GR K8/500	Drum	500	488	1003501	1050466
PN 750V 120MM2 G/GR K9/300	Drum	300	385	1003501	1050476

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