

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 U0 [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	Grey	1002608	Bobbin	150	7021521717294	20075844	1060700
1,5mm ²	Grey	1002608	Bobbin	150	7021521717867	20075373	1060701
1,5mm ²	Blue	1002608	Bobbin	150	7021521718697	20075370	1060702
1,5mm ²	Green/yellow	1002608	Bobbin	150	7021521719434	20075842	1060703
1,5mm ²	Brown	1002608	Bobbin	150	7021521719687	20075369	1060704
2,5mm ²	Black	1002608	Bobbin	100	7021521720089	20075847	1060707
2,5mm ²	Grey	1002608	Bobbin	100	7021521720508	20075378	1060708
2,5mm ²	Blue	1002608	Bobbin	100	7021521720812	20075846	1060709
2,5mm ²	Green/yellow	1002608	Bobbin	100	7021521721642	20075376	1060710
2,5mm ²	Brown	1002608	Bobbin	100	7021521721901	20075841	1060711
6mm ²	Black	1003501	Bobbin	300	6430065754107	20343688	1060722
6mm ²	Blue	1003501	Bobbin	300	6430065754084	20343691	1060723
6mm ²	Green/yellow	1003501	Bobbin	300	6430065754091	20343689	1060730
6mm ²	Green/yellow	1003501	Drum	1,000	6430065754039	20338369	1060729
10mm ²	Black	1003501	Bobbin	300	6430065754138	20343700	1060731
10mm ²	Blue	1003501	Bobbin	300	6430065754114	20343703	1060737
10mm ²	Green/yellow	1003501	Bobbin	300	6430065754121	20343701	1060738
16mm ²	Black	1003501	Bobbin	300	6430065754169	20343696	1060739
16mm ²	Blue	1003501	Bobbin	300	6430065754145	20343699	1060749
16mm ²	Other	1003501	Bobbin	300	6430065754152	20343697	1060750
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 SORT S150	Bobbin	150	3.2	1002608	1060700
PN 750V 1,5MM2 LYS GRÅ S150	Bobbin	150	3.2	1002608	1060701
PN 750V 1,5MM2 BLÅ S150	Bobbin	150	3.2	1002608	1060702
PN 750V 1,5MM2 G/GR S150	Bobbin	150	3.2	1002608	1060703
PN 750V 1,5MM2 BRUN S150	Bobbin	150	3.2	1002608	1060704
PN 750V 2,5MM2 SORT S100	Bobbin	100	3.4	1002608	1060707
PN 750V 2,5MM2 LYS GRÅ S100	Bobbin	100	3.4	1002608	1060708
PN 750V 2,5MM2 BLÅ S100	Bobbin	100	3.4	1002608	1060709
PN 750V 2,5MM2 G/GR S100	Bobbin	100	3.4	1002608	1060710
PN 750V 2,5MM2 BRUN S100	Bobbin	100	3.4	1002608	1060711
PN 750V 6MM2 FR BLACK S300	Bobbin	300	20.5	1003501	1060722
PN 750V 6MM2 FR BLUE S300	Bobbin	300	20.5	1003501	1060723
PN 750V 6MM2 FR Y/GR S300	Bobbin	300	20.5	1003501	1060730
PN 750V 6MM2 G/GR K6/1000	Drum	1,000	79	1003501	1060729
PN 750V 10MM2 FR BLACK S300	Bobbin	300	34.5	1003501	1060731
PN 750V 10MM2 FR BLUE S300	Bobbin	300	34.5	1003501	1060737
PN 750V 10MM2 FR Y/GR S300	Bobbin	300	34.5	1003501	1060738
PN 750V 16MM2 FR BLACK S300	Bobbin	300	52	1003501	1060739
PN 750V 16MM2 FR BLUE S300	Bobbin	300	52	1003501	1060749
PN 750V 16MM2 FR Y/GR S300	Bobbin	300	52	1003501	1060750

DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
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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