

NYCWY

Application

For indoor and outdoor installation, laying in underground, water and concrete. For use as energy cable in industrial and other switch gears, power stations, house connection and street lighting and as control cable for transition of control impulses and measurement readings, where increased mechanical protection against contact voltage is required.



Product structure diagram

Executive Standard

DIN VDE 0276 603 or HD 603 S1, IEC 60502.

Technical parameters

Rated voltage	0.6/1 kV
Conductor	Copper adapted to DIN VDE 0295 and IEC 60228-1/2
Core identification	VDE0293-308
Insulation	PVC
Inner sheath	PVC
Overall Screen	Concentric, wave-like, outer conductor made of bare Copper strands
Sheath	PVC, flame-resistant
Outer sheath color	Black
Temperature range	Flexing: -5°C ~ /50°C
	Fixed installation: -40°C ~ /70°C
Min bend radius	Multi-core: 12 × Cable diameter
Cable's self-extinguishing and flame retardant, test method according to IEC 60332	

(Acc. to DIN VDE 0295)
 round, solid conductor
 round, stranded conductor
 sector-shaped conductor, solid
 sector-shaped conductor, stranded

Specification range

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002001	2 x 10 re / 10	19,0	312,0	650,0
1002002	3 x 10 re / 10	19,5	408,0	730,0
1002003	4 x 10 re / 10	20,5	504,0	890,0
1002004	2 x 16 re / 10	21,0	489,0	850,0
1002005	3 x 16 re / 16	22,0	643,0	1000,0
1002006	4 x 16 re / 16	23,5	796,0	1250,0
1002007	3 x 25 / 16	26,0	902,0	1550,0
1002008	3 x 25 / 25	26,5	1003,0	1600,0
1002009	4 x 25 / 16	28,0	1142,0	1800,0
1002010	3 x 35 / 16	27,0	1190,0	1850,0

LIAONING CREATE CABLE CO.,LTD.

Item number	Nominal Cross-section area mm ²	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002011	3 x 35 / 35	27,5	1402,0	1900,0
1002012	4 x 35 / 16	29,0	1526,0	2050,0
1002013	3 x 50 / 25	29,3	1723,0	2250,0
1002014	3 x 50 / 50	29,5	2000,0	2450,0
1002015	4 x 50 / 25	33,0	2203,0	2700,0
1002016	3 x 70 / 35	33,5	2410,0	2950,0
1002017	3 x 70 / 70	34,0	2796,0	3350,0
1002018	4 x 70 / 35	37,0	3082,0	3750,0
1002019	3 x 95 / 50	38,0	3296,0	4100,0
1002020	3 x 95 / 95	38,5	3791,0	4550,0
1002021	4 x 95 / 50	40,5	4208,0	5000,0
1002022	3 x 120 / 70	41,0	4236,0	5050,0
1002023	3 x 120 / 120	42,0	4786,0	5550,0
1002024	4 x 120 / 70	47,0	5388,0	6350,0
1002025	3 x 150 / 70	45,0	5100,0	6000,0
1002026	3 x 150 / 150	48,0	5970,0	6900,0
1002027	4 x 150 / 70	51,0	6540,0	7650,0
1002028	3 x 185 / 95	51,5	7363,0	8500,0
1002029	3 x 240 / 120	57,0	8242,0	9950,0
1002030	3 x 300 / 150	61,0	10290,0	11837,0

