

SDYO/KDYO - HIGHLY FLEXIBLE ROUND STRANDED COPPER CABLES

Construction and Application:

These cables are manufactured from 0,05 / 0,07 or 0,10 mm diameter Cu-ETP1 wires according to the needed cross-section. It is used 1+6 (1-300 mm²), 5+11 or 1+6+12 (301 mm² + up) ropes construction that are stranded at special machines according to the needed conductor cross-section to provide the best flexibility and current capacity.



With providing higher flexibility caused by using thin wires and the bigger cross-section with small dimensions because of the construction system, they are well suited into small places, which also require movements and higher current capacity as well.

Technical Data:

Material: annealed Cu ETP1 wires, uncoated or tinned.

- wire 0,05 mm ----- 1 mm²
- wire 0,07 mm ----- 1,5 mm² - 16 mm²
- wire 0,10 mm ----- 25 mm² - 1000 mm²

Delivery: plastic reels, in rings, on spools or wooden drums.

UNCOATED Part-No	TINNED Part-No	Cross sec. mm ²	Construction		Weight kg/100m
			diameter and no. of wires	outer dia. mm	
SDYO-0010	KDYO-0010	1	512 X 0,05	1,5	1
SDYO-0015	KDYO-0015	1,5	392 X 0,07	1,9	1,7
SDYO-0025	KDYO-0025	2,5	651 X 0,07	2,4	2,7
SDYO-0040	KDYO-0040	4	1036 X 0,07	3,1	4
SDYO-0060	KDYO-0060	6	1561 X 0,07	4	6
SDYO-0080	KDYO-0080	8	2100 X 0,07	4,2	8
SDYO-0100	KDYO-0100	10	2604 X 0,07	4,5	10
SDYO-0160	KDYO-0160	16	4200 X 0,07	5,7	16
SDYO-0250	KDYO-0250	25	3192 X 0,10	7,5	25
SDYO-0350	KDYO-0350	35	4480 X 0,10	9	35
SDYO-0500	KDYO-0500	50	6383 X 0,10	11	50
SDYO-0700	KDYO-0700	70	8918 X 0,10	13	70
SDYO-0950	KDYO-0950	95	12100 X 0,10	15	100
SDYO-1200	KDYO-1200	120	15300 X 0,10	17	127
SDYO-1500	KDYO-1500	150	19152 X 0,10	19	158
SDYO-1850	KDYO-1850	185	23580 X 0,10	21	194
SDYO-2400	KDYO-2400	240	30600 X 0,10	23,5	247
SDYO-3000	KDYO-3000	300	38200 X 0,10	27,5	310
SDYO-4000	KDYO-4000	400	50960 X 0,10	33	410
SDYO-5000	-	500	64288 X 0,10	38	508
SDYO-6000	-	600	76832 X 0,10	43	600
SDYO-7500	-	750	95648 X 0,10	46	750
SDYO-8500	-	850	108976 X 0,10	48	850
SDYO-1000	-	1000	128576 X 0,10	54	1010