

SDYO – HIGHLY FLEXIBLE ROUND STRANDED COPPER CABLES

Construction and Application:

These cables are manufactured from 0,07 or 0,10 mm diameter Cu-ETP wires according to the needed cross-section. It is used 1+6 (for cross section 1-95 mm²) or 1+6+12 (for cross section >95mm²) ropes construction which are stranded on special machines according to the needed conductor cross-section to provide the best flexibility and current capacity.

It provides higher flexibility and smaller cable diameter with the same cross-section thanks to used finer wires diameter and specific rope construction. They will fit into limited space, when high flexibility requires during movements and higher current capacity is required.



Technical data:

Material: annealed Cu ETP EN13602 wires, uncoated, \varnothing 0,07 mm or \varnothing 0,10 mm diameter

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

Cat No.	Cross section	Wire diameter	Rope construction	Cable diameter	Weight
Bare copper	[mm ²]	[mm]		[mm]	[kg/100m]
SDYO-0010-07	1	0,07	7x38x0,07	1,5	1
SDYO-0015-10	1,5	0,1	7x28x0,1	1,9	1,7
SDYO-0025-10	2,5	0,1	7x46x0,1	2,4	2,7
SDYO-0040-10	4	0,1	7x73x0,1	3,1	4
SDYO-0060-10	6	0,1	7x110x0,1	4	6
SDYO-0100-10	10	0,1	7x145x0,1	4,5	10
SDYO-0160-10	16	0,1	7x189x0,1	5,7	16
SDYO-0250-10	25	0,1	7x292x0,1	7,5	25
SDYO-0350-10	35	0,1	7x455x0,1	9	35
SDYO-0500-10	50	0,1	7x637x0,1	11	50
SDYO-0700-10	70	0,1	7x910x0,1	13	70
SDYO-0950-10	95	0,1	7x1274x0,1	15	100
SDYO-1200-10	70	0,1	19x805x0,1	17	127
SDYO-1500-10	150	0,1	19x1008x0,1	19	158
SDYO-1850-10	185	0,1	19x1239x0,1	21	194
SDYO-2400-10	240	0,1	19x1610x0,1	23,5	247
SDYO-3000-10	300	0,1	19x2016x0,1	27,5	310