



Voltage

2KV

Construction

Sino cables type DLO Cables are manufactured in sizes 6 AWG through 1111.1 kcmil with stranded tinned annealed copper. A paper or polyester tape separates the conductor from the EPDM rubber insulation to aid in stripping. A black, heavy duty CPE sunlight resistant jacket is extruded over the insulation.

Standard

UL44, or other standards required by customers.

Features

1. Max permissible continuous operating temperature of conductor shall not exceed 90°C.
2. oils, acids, alkalines, heat, flame, sunlight, and abrasion resistant.
3. RoHs compliant.
4. bending radius is only 5 times of the outer dia. of cable.

Applications

1. DLO is utilized within the wind turbine and tower, as well as from the tower to the transformer in wind applications.
2. Suitable for use in wet or dry areas, conduits, ducts, troughs or trays, and where superior electrical properties are desired.
3. Maximum continuous conductor temperature for normal operation is 90°C in dry locations and 75°C for wet.

Package

steel & wooden reel, wooden reel, steel reel, in coils on wooden tray, or other requirements by customers.



www.sino-cables.com

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2000V DLO/RHH/RHW-2 Cable

Size		Stranding		Insulation Thickness		Sheath Thickness		Approx.Overall Diameter		Approx.Weight of Cable	
AWG or kcmil	mm ²	No/AWG	No/mm	mil	mm	mil	mm	inch	mm	lb/kft	kg/km
6	13.3	63/24	63/0.51	60	1.52	30	0.76	0.40	10.16	136	202
5	18.59	91/24	91/0.51	60	1.52	30	0.76	0.44	11.18	180	268
4	21.2	105/24	105/0.51	60	1.52	30	0.76	0.46	11.68	205	305
3	26.7	125/24	125/0.51	60	1.52	30	0.76	0.49	12.45	240	357
2	33.6	150/24	150/0.51	60	1.52	30	0.76	0.51	12.95	285	424
1	42.4	225/24	225/0.51	80	2.03	45	1.14	0.66	16.76	420	625
1/0	53.5	275/24	275/0.51	80	2.03	45	1.14	0.70	17.78	500	744
2/0	67.4	325/24	325/0.51	80	2.03	45	1.14	0.73	18.54	565	841
3/0	85.0	450/24	450/0.51	80	2.03	45	1.14	0.85	21.59	740	1101
4/0	107.0	550/24	550/0.51	80	2.03	45	1.14	0.90	22.86	917	1364
262.6	133.0	650/24	650/0.51	95	2.41	65	1.65	1.01	25.65	1095	1629
313.1	159.0	775/24	775/0.51	95	2.41	65	1.65	1.07	27.18	1280	1904
373.7	189.0	925/24	925/0.51	95	2.41	65	1.65	1.14	28.96	1495	2224
444.4	225.0	1100/24	1100/0.51	95	2.41	65	1.65	1.21	30.73	1734	2580
535.3	271.0	1325/24	1325/0.51	110	2.79	65	1.65	1.34	34.04	2093	3114
646.4	327.0	1600/24	1600/0.51	110	2.79	65	1.65	1.42	36.07	2580	3839
777.7	394.0	1925/24	1925/0.51	110	2.79	65	1.65	1.52	38.61	2997	4459
929.2	471.0	2300/24	2300/0.51	110	2.79	65	1.65	1.65	41.91	3595	5349
1111.0	563.0	2750/24	2750/0.51	110	2.79	65	1.65	1.79	45.47	4320	6427

*All values are nominal and subject to correction.

