

2kV DLO Cable for Wind Turbine



Construction: The extra-flexible rope stranded, tinned copper conductor is insulated with ethylene-propylene rubber (EPR) and sheathed with CPE in black colour. A layer of Mylar film is applied between conductor and insulation for separating.



Application: DLO for Wind Turbine is especially designed to transfer power in wind turbine installations. It is also recommended as a portable power cable for drilling rigs, on-shore or off-shore, railroad and transit car wiring, electric earth-moving equipment, in shipyard applications, arc welder supply leads, power and control jumper cable, Telcom power supply and motor leads. The cable is suitable for use in wet or dry areas, conduit, ducts, troughs or trays, and where superior electrical properties are desired.



Rated Voltage: 2000 V.



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Bending Radius: 5D, D = Actual outer diameter of cable (mm)



Standard: UL 44 or other standards required by customers.



Packing: Coil, Steel/Wooden Reel, Wooden Reel or Steel Reel.

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