



Voltage

600V

Construction

Sino-cables type NS75/90 has stranded aluminum alloy 1350-H19 hard drawn compact round conductors and a stranded round compact strand ASCR neutral. NS75/NS90 cables have abrasion, heat and moisture resistant cross linked polyethylene XLP insulation. NS75/NS90 cables may have a heat and moisture resistant polyvinyl chloride PVC jacket, which has a temperature range of -40°C to $+90^{\circ}\text{C}$

Standard

CSA C22.C No. 129, [or other standards required by customers.](#)

Features

Low temperature.

Sunlight resistant.

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

Applications

Sino cables type NS75/NS90 are intended for use either as a service drop cable between a power pole and the service entrance, or as a secondary distribution cable between poles.

Package

coil, steel/wooden reel, wooden reel or steel reel.



www.sino-cables.com

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Size AWG	Full Size Neutral				Reduced Neutral				Ampacity
	Non-Jacketed		Jacketed		Non-Jacketed		Jacketed		
	Cable Dia. (mm)	Weight (lbs/km)	Cable Dia. (mm)	Weight (lbs/km)	Cable Dia. (mm)	Weight (lbs/km)	Cable Dia. (mm)	Weight (lbs/km)	
Duplex									
6	11.2	246	12.7	297	-	-	-	-	95
4	13.5	373	15.0	433	12.3	302	13.8	361	125
2	16.5	573	18.0	642	14.9	460	16.4	529	165
1	18.9	737	21.2	891	18.0	638	20.3	781	190
1/0	20.8	913	23.1	1043	18.9	734	21.2	868	220
2/0	23.0	1133	25.3	1278	21.9	1008	24.1	1153	255
3/0	25.5	1411	27.8	1569	23.1	1125	25.3	1286	290
4/0	28.2	1759	30.5	1930	25.5	1403	27.8	1574	335
226.8	34.0	2260	36.3	2458	29.4	1810	31.7	2008	390
336.4	37.7	2815	41.0	3135	32.5	2249	35.8	2566	450
397.5	40.7	3302	44.0	3642	37.1	2709	40.4	3049	500
477	44.2	3935	47.5	4299	40.7	3296	44.0	3660	560
500	45.7	4425	49.0	4795	42.6	3649	45.9	4019	605
Triplex									
6	13.2	374	16.2	481	-	-	-	-	95
4	15.5	558	18.4	681	15.4	488	18.4	611	125
2	18.6	845	21.2	987	18.2	734	21.2	876	165
1	21.5	1095	25.8	1347	21.3	1017	25.8	1269	190
1/0	23.6	1348	27.7	1619	23.2	1171	27.7	1442	220
2/0	25.8	1665	29.8	1956	25.3	1540	29.7	1832	255
3/0	28.5	2064	32.2	2381	27.6	1783	32.1	2100	290
4/0	31.4	2562	35.0	2906	30.2	2207	34.8	2553	335
226.8	37.5	3311	40.8	3713	35.4	2866	40.0	3265	390
336.4	41.6	4109	46.2	4751	38.8	3545	45.3	4187	450
397.5	44.8	4808	49.3	5492	42.2	4220	48.2	4903	500
477	48.7	5712	53.0	6444	45.8	5077	51.5	5809	560
500	50.3	6277	54.4	7020	47.4	5505	52.5	6248	605
Quadruplex									
6	14.8	501	17.7	662	-	-	-	-	95
4	17.5	743	20.4	927	17.0	673	19.9	857	125
2	21.0	1119	23.9	1331	20.2	1007	23.2	1219	165
1	24.3	1454	28.7	1831	23.9	1375	28.3	1753	190
1/0	26.6	1784	31.0	2190	25.7	1607	30.1	2013	220
2/0	29.1	2196	33.5	2635	28.6	2072	32.9	2509	255
3/0	32.1	2716	36.4	3129	30.8	2436	35.2	2910	290

4/0	35.3	3364	39.6	3882	33.9	3011	38.3	3527	335
226.8	41.9	4367	46.1	4965	39.5	3920	43.9	4519	390
336.4	46.1	5403	52.2	6367	43.4	4839	49.8	5803	450
397.5	49.7	6314	55.7	7341	47.7	5725	53.9	6753	500
477	53.7	7489	59.8	8589	51.7	6854	58.0	7954	560
500	55.1	8133	61.0	9248	53.3	7361	59.4	8477	605

*All values are nominal and subject to correction.