HARRIX
WIRES & CABLES

Aluminum Service Dropwire Cables

→ Composed of one or more insulated phase aluminum conductors supported by a bare neutral ACSR messenger for use in circuits not exceeding 600 volts phase to phase and at conductor temperature not exceeding 75°C in continuous operation.
→ The phase conductor is twisted around the messenger with the direction of lay the same as that of the outer layer of the neutral wire or bare ACSR conductor.
→ Commonly used for overhead secondary distribution poles, or for connecting feeders to customer premisses.
→ For single-phase and three-phase applications especially used in regions, which have hot, humid and high annual rainfall.

DUPLEX TYPE ASSEMBLY - One Insulated Phase Conductor

Reference Standard--ASTM B231 - 92, ASTM B232-95 & IPCEA S-61-402

CODE NAME	PHASE CONDUCTOR SIZE	ALUMINUM COMPONENTS		CABLE INSULATION THICKNESS	DIA	BARE NEUTRAL MESSENGER CONSTRUCTION SIZE	Al./ St.	DIA	DIA. (OVERALL)	COMPLETED CABLE LAY LENGTH	APPROX. DIA.	TOTAL WT. APPROX.
	AWG	pc	mm Ø	mm	mm Ø	AWG	pc.	mm Ø	mm Ø	mm/max.	mm Ø	Kg / Km
SHEPHERD	6	7 x	1.554	1.143	6.95	6	6/1	1.679	5.03	416	11.9	114
TERRIER	4	7 x	1.961	1.143	8.17	4	6/1	2.118	6.35	490	14.5	174
CHOW	2	7 x	2.474	1.143	9.71	2	6/1	2.672	8.01	582	17.7	268
BLOODHOUND	1/0	7 x	3.119	1.524	12.41	1/0	6/1	3.371	10.11	744	22.5	432
-	2/0	7 x	3.503	1.524	13.56	2/0	6/1	3.785	11.35	813	24.9	536
-	3/0	7 x	3.932	1.524	14.84	3/0	6/1	4.250	12.74	890	27.5	666
-	4/0	7 x	4.417	1.524	16.30	4/0	6/1	4.770	14.31	977	30.6	831

TRIPLEX TYPE ASSEMBLY - Two Insulated Phase Conductors

Reference Standard--ASTM B231 - 92, ASTM B232-95 & IPCEA S-61-402

CODE NAME	PHASE CONDUCTOR SIZE	ALUMINUM COMPONENTS		CABLE INSULATIOM THICKNESS	DIA	BARE NEUTRAL MESSENGER CONSTRUCTION SIZE	Al./ St.	DIA	DIA. (OVERALL)	COMPLETED CABLE LAY LENGTH	APPROX. DIA.	TOTAL WT. APPROX.
	AWG	pc	mm Ø	mm	mm Ø	AWG	pc.	mm Ø	mm Ø	mm/max.	mm Ø	Kg / Km
VOLUTA	6	7 x	1.554	1.143	6.95	6	6/1	1.679	5.03	416	15.1	176
PERIWINKLE	4	7 x	1.961	1.143	8.17	4	6/1	2.118	6.35	490	17.8	264
CONCH	2	7 x	2.474	1.143	9.71	2	6/1	2.672	8.01	582	21.1	401
NERITINA	1/0	7 x	3.119	1.524	12.41	1/0	6/1	3.371	10.11	744	27.1	647
RUNCINA	2/0	7 x	3.503	1.524	13.56	2/0	6/1	3.785	11.35	813	29.6	800
CHERRYSTONE	3/0	7 x	3.932	1.524	14.84	3/0	6/1	4.250	12.74	890	32.4	990
RAZOR	4/0	7 x	4.417	1.524	16.30	4/0	6/1	4.770	14.31	977	35.5	1229

QUADRUPLEX TYPE ASSEMBLY - Three Insulated Phase Conductors

Reference Standard--ASTM B231 - 92, ASTM B232-95 & IPCEA S-61-402

CODE NAME	PHASE CONDUCTOR SIZE	ALUMINUM COMPONENTS		CABLE INSULATIOM THICKNESS	DIA	BARE NEUTRAL MESSENGER CONSTRUCTION SIZE	Al./ St.	DIA	DIA. (OVERALL)	COMPLETED CABLE LAY LENGTH	APPROX. DIA.	TOTAL WT. APPROX.
	AWG	pc	mm Ø	mm	mm Ø	AWG	pc.	mm Ø	mm Ø	mm/max.	mm Ø	Kg / Km
CHOLA	6	7 x	1.554	1.143	6.95	6	6/1	1.679	5.03	416	19.1	237
HACKNEY	4	7 x	1.961	1.143	8.17	4	6/1	2.118	6.35	490	22.8	353
PALOMINO	2	7 x	2.474	1.143	9.71	2	6/1	2.672	8.01	582	27.6	534
STANDARDBRED	1/0	7 x	3.119	1.524	12.41	1/0	6/1	3.371	10.11	744	35.3	863
MULE	2/0	7 x	3.503	1.524	13.56	2/0	6/1	3.785	11.35	813	38.8	1063
SUFFOCK	3/0	7 x	3.932	1.524	14.84	3/0	6/1	4.250	12.74	890	42.8	1313
STALLION	4/0	7 x	4.417	1.524	16.30	4/0	6/1	4.770	14.31	977	47.2	1627

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