HARRIX

WIRES & CABLES

POLY AAC

INSULATED ALL ALUMINUM CONDUCTOR

- Weather resistant polyethylene insulated concentric-lay stranded aluminum conductors made from 1350-H19 round aluminum used on primary or secondary distribution line for the transmission of electrical energy.

BPS CERTIFIED Product Quality License No. Q-1199

CERTIFICATION INTERNATIONAL ISO 9001:2008 CIP/4012/07/11/545

ACCREDITED GHS Certification Body Accreditation No: MSA-001

MADE WITH 99.5% PURE ALUMINUM

HARRIX
WIRES & CABLES

POLY AAC

PE Insulated All Aluminum Conductor - 600V

→ Weather resistant polyethylene insulated concentric-lay stranded aluminum conductors made from 1350-H19 round aluminum used on primary or secondary distribution line not exceeding 600V for the transmission of electrical energy.

→ Rated 75°C for continuous operation.

Reference Standard -- ASTM B232 -92 & IPCEA S-61-402, The Aluminum Association

CODE NAME	NOMINAL SIZE	ALUMINUM COMPONENTS			DIAMETER (OVERALL)	CABLE INSULATION THICKNESS	DIAMETER	TOTAL WT. approx.	DC Resistance at 20°C
	AWG /MCM	pc		mm Ø	mm	mm	mm Ø	Kg / Km	Ω / Km
--	12	1	x	2.050	2.05	0.762	3.57	15	8.480
PRUNE	10	1	x	2.588	2.59	0.762	4.11	22	5.450
CUMQUAT	8	1	x	3.264	3.26	0.762	4.78	34	3.407
APPLE	6	1	x	4.115	4.12	1.143	6.40	47	2.180
PEAR	4	1	x	5.189	5.19	1.143	7.48	71	1.377
PLUM	6/7	7	x	1.554	4.66	1.143	6.95	52	2.170
APRICOT	4/7	7	x	1.961	5.88	1.143	8.17	79	1.360
PEACH	2/7	7	x	2.474	7.42	1.143	9.71	130	0.860
QUINCE	1/0	7	x	3.119	9.36	1.524	12.41	203	0.540
ORANGE	2/0	7	x	3.503	10.51	1.524	13.56	256	0.430
FIG	3/0	7	x	3.932	11.80	1.524	14.84	314	0.340
OLIVE	4/0	7	x	4.417	13.25	1.524	16.30	387	0.270
SASSAFRAS	250	19	x	2.913	14.57	1.524	17.62	420	0.230
SILVERBELT	266.8	19	x	3.010	15.05	2.032	19.11	490	0.210
BASSWOOD	300	19	x	3.193	15.97	1.524	19.02	524	0.190
CRABAPPLE	336.4	19	x	3.380	16.91	2.032	20.97	601	0.120
ANONA	336.4	19	x	3.38	16.90	1.524	19.95	580	0.170
HUCKLEBERRY	477	37	x	2.883	20.18	2.032	24.24	818	0.120
CITRON	477	19	x	4.023	20.12	2.032	24.18	824	0.120
TUPELO	500	37	x	2.951	20.66	2.032	24.72	877	0.110
TANGERINE	636	37	x	3.330	23.31	2.413	28.14	1146	0.080
BANANA	795	37	x	3.724	26.07	2.413	30.90	1359	0.070

Manufactured by:
AC HARRIS CABLE CORPORATION PHILIPPINES

#5 Pio del Pilar corner Magat Salamat St., Concepcion II, Marikina City, Philippines
Telephone Nos. (632) 941-2967 ; (632) 941-2968 ; (632) 941-2969 Fax No. (632) 997-8137 Globelines: (632) 955-8135
Email Address: sales@harrixwires.com Website: www.harrixwires.com

HARRIX

WIRES & CABLES

BARE AAC

ALL ALUMINUM CONDUCTOR

- Bare aluminum wire 1350-H19 EC Grade concentrically laid up over the central core wire in successive layers and in opposite direction.

- The conductor may be made up to 7, 19, 37, 61 or more strands. Universally used for the transmission of electric power relatively for shortspans, aerial feeders and bus bars of substations or power generating plant.

BPS CERTIFIED Product Quality License No. Q-1199

CERTIFICATION INTERNATIONAL ISO 9001:2008 CIP/4012/07/11/545

PAB ACCREDITED QMS Certification Body Accreditation No: MSA-001

MADE WITH 99.5% PURE ALUMINUM

HARRIX
WIRES & CABLES

BARE AAC

All Aluminum Conductor

→ Composite, concentrically stranded conductor made from round hard drawn aluminum wires.
→ Bare aluminum wires 1350-H19 EC Grade concentrically laid up over the central core wire in succesive layers and in opposite direction. The conductor may be made up of to 7, 19, 37, 61 or more wires.
→ Universally used for the transmission of electrical power relatively for short spans, aerial feeders and bus bars of substations or power generating plant.

Reference Standard -- ASTM B231 -95

CODE NAME	SIZE	ALUMINUM COMPONENTS			DIAMETER (OVERALL)	CALCULATED AREA	TOTAL WT. approx.	BREAKING LOAD	DC Resistance at 20°C
	AWG /MCM	pc		mm Ø	mm Ø	mm2	Kg / Km	Kg	Ω / Km
PEACHBELL	6/7	7	x	1.554	4.66	13.28	36	255	2.170
ROSE	4/7	7	x	1.961	5.88	21.14	58	407	1.360
IRIS	2/7	7	x	2.474	7.42	33.65	92	648	0.860
POPPY	1/0	7	x	3.119	9.36	53.48	147	1031	0.540
ASTER	2/0	7	x	3.503	10.51	67.46	186	1300	0.430
PHILOX	3/0	7	x	3.932	11.80	85.00	234	1638	0.340
OXLIP	4/0	7	x	4.417	13.25	107.26	295	2067	0.270
LAUREL	266.8	19	x	3.010	15.05	135.20	372	2255	0.210
PEONY	300	19	x	3.193	15.97	152.14	419	2538	0.190
TULIP	336.4	19	x	3.381	16.91	170.58	470	2846	0.170
SYRINGA	477	37	x	2.883	20.18	241.54	665	4029	0.120
DAHLIA	556.5	19	x	4.346	21.73	281.85	777	4702	0.100
MEADOWSWEET	605	37	x	3.233	22.63	303.74	837	4958	0.090
ORCHID	636	37	x	3.330	23.31	322.24	888	5260	0.090
VERBENA	700	37	x	3.493	24.45	354.56	977	5788	0.080
ARBUTUS	795	37	x	3.724	26.07	403.01	1111	6579	0.070

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