

**جدول مشخصات هادی‌های ACSR/AW**

Conductor Specification		ORIOLE/AW 336.4 MCM	LYNX/AW 362 MCM	HAWK/AW 477 MCM	SQUAB/AW 605 MCM	DRAKE/AW 795 MCM	CANARY/AW 900 MCM	CURLEW/AW 1033.5 MCM	MARTIN/AW 1351.5 MCM
<b>Stranding</b>		AL:30/2.69 ST: 7/2.99	AL: 30/2.79 ST: 7/2.79	AL: 26/3.44 ST: 7/2.67	AL: 26/3.87 ST: 7/3.01	AL: 26/4.44 ST: 7/3.45	AL: 54/3.28 ST: 7/3.28	AL: 54/3.52 ST: 7/3.52	AL: 54/4.02 ST: 19/2.41
<b>Overall Diameter (mm)</b>		18.3	19.53	21.78	24.53	28.11	29.52	31.65	36.165
<b>Area (mm<sup>2</sup>)</b>	AL	170.45	183.4	241.68	306.58	402.84	456.06	523.68	684.84
	Total	210.26	226.2	281.03	356.52	468.45	515.16	591.55	771.55
<b>Unit Weight (Kg/m)</b>		0.737	0.79	0.929	1.179	1.55	1.655	1.899	2.481
<b>U.T.S. (Kg)</b>		7,590	7,860	8,590	10,690	13,800	13,800	15,900	20,400
<b>E (Initial) (Kg/mm<sup>2</sup>)</b>		6,320	5,510	4,800	5,700	5,710	5,500	4,700	4,700
<b>E (Final) (Kg/mm<sup>2</sup>)</b>		8,160	7,100	7,730	7,730	7,700	7,470	6,400	7,450
<b>Coefficient of Linear Expansion <math>\alpha</math> (1 / °C)</b>		$19.2 \times 10^{-6}$	$18.9 \times 10^{-6}$	$20.5 \times 10^{-6}$	$20 \times 10^{-6}$	$20 \times 10^{-6}$	$20.5 \times 10^{-6}$	$20.15 \times 10^{-6}$	$20.5 \times 10^{-6}$
<b>Equivalent Creep Temperature (°C)</b>		15	15	17	17	17	20	20	20
<b>DC Resistance at</b>		0.1579	0.146	0.1137	0.0945	0.06814	0.0635	0.0553	0.04077
<b>GMR (cm)</b>		0.777	0.7397	0.88	0.9967	1.0647	1.1332	1.2161	1.3899
<b>Standard</b>		ASTM-B549	BS-215, Part-2	ASTM - B549					