

COLOR PICTURE TUBES AND ASSEMBLIES – SOUTH AMERICA

COLOR PICTURE TUBES (90° deflection angle)

tube type designation	tube size	TV system/video mode	mask	neck dia meter	panel trans mission	screen finish	overall length (max)	base	typical operating conditions					V_a (abs max)	I_a (long term average)	implosion protection	remarks
									V_f/I_f	V_a	V_{g3}	V_{g2}	V_{cut} off				
	cm			mm	%		mm		V/mA	kV	% of V_a	V	V	kV	μ A		

A34EDJ..X..	34	525/625	akoca	22.9	46	satin	34	B8-294	6.15/315	23	28	310-630	120	27.5	750	EN60065	Z to lug 35.5 PT - 14"
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A34EEC34X..	34	525/625	akoca	22.9	46	satin	34	B8-294	6.15/315	23	28	310-630	120	27.5	750	UL1418	Z to lug 34.0 P-mini - 14"
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									appli- cation	remarks
	horizontal coil			vertical coil			SVM coil				
	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	sensi- tivity		
	mH	Ω	A	mH	Ω	A	μ H	Ω	mm/A	kHz	

..X21	2.28	3.2	2.17	27.5	13.6	0.75	—	—	—	16	
..X024	2.00	2.60	2.31	27.5	13.6	0.75	—	—	—	16	
..X41	2.74	3.9	1.98	27.5	13.6	0.75	—	—	—	16	
..X061	4.1	5.5	1.62	27.5	13.6	0.75	—	—	—	16	
..X072	2.50	3.3	2.07	27.5	13.6	0.75	—	—	—	16	cable
..x091	1.46	1.93	2.43	27.5	13.6	0.75	—	—	—	16	cable
..x101	3.7	5.0	1.71	27.5	13.6	0.75	—	—	—	16	cable
..x107	2.04	2.66	2.29	27.5	13.6	0.75	—	—	—	16	cable

..X21	2.28	3.2	2.17	27.5	13.6	0.75	—	—	—	16	
..X024	2.00	2.60	2.31	27.5	13.6	0.75	—	—	—	16	
..X41	2.74	3.9	1.98	27.5	13.6	0.75	—	—	—	16	
..X061	4.1	5.5	1.62	27.5	13.6	0.75	—	—	—	16	
..X072	2.50	3.3	2.07	27.5	13.6	0.75	—	—	—	16	cable
..x091	1.46	1.93	2.43	27.5	13.6	0.75	—	—	—	16	cable
..x101	3.7	5.0	1.71	27.5	13.6	0.75	—	—	—	16	cable
..x107	2.04	2.66	2.29	27.5	13.6	0.75	—	—	—	16	cable

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tube type designation	tube size	TV system/video mode	mask	neck dia meter	panel trans mission	screen finish	overall length (max)	base	typical operating conditions					V_a (abs max)	I_a (long term average)	implosion protection	remarks
									V_f/I_f	V_a	V_{g3}	V_{g2}	V_{cut} off				
	cm			mm	%		mm		V/mA	kV	% of V_a	V	V	kV	μ A		

A48EEB..X..	48	525/625	akoca	29.4	42	satin	44	B10-277	6.15/315	25	31	575-825	130	27.5	1000	EN60065	Z to lug 38.5 PT - 20"
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A48EGA..X..	48	525/625	akoca	29.4	42	satin	44	B10-277	6.15/315	25	31	575-825	130	27.5	1000	UL1418	Z to lug 38.5 P-mini - 20"
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									appli- cation	remarks
	horizontal coil			vertical coil			SVM coil				
	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	sensi- tivity		
	mH	Ω	A	mH	Ω	A	μ H	Ω	mm/A		

..X020	1.45	1.84	3.4	26.3	13.0	0.97	—	—	—	16	
..X021	1.38	1.78	3.4	26.3	13.0	0.97	—	—	—	16	
..X040	2.10	2.74	2.79	26.3	13.0	0.97	—	—	—	16	cable
..X061	2.54	3.1	2.53	26.3	13.0	0.97	—	—	—	16	cable
..X070	1.80	2.32	3.0	26.3	13.0	0.97	—	—	—	16	cable
..x091	0.99	1.30	4.7	26.3	13.0	0.97	—	—	—	16	cable
..x101	1.90	2.45	2.93	26.3	13.0	0.97	—	—	—	16	

..X020	1.45	1.84	3.4	26.3	13.0	0.97	—	—	—	16	
..X021	1.38	1.78	3.4	26.3	13.0	0.97	—	—	—	16	
..X040	2.10	2.74	2.79	26.3	13.0	0.97	—	—	—	16	cable
..X061	2.54	3.1	2.53	26.3	13.0	0.97	—	—	—	16	cable
..X070	1.80	2.32	3.0	26.3	13.0	0.97	—	—	—	16	cable
..x091	0.99	1.30	4.7	26.3	13.0	0.97	—	—	—	16	cable
..x101	1.90	2.45	2.93	26.3	13.0	0.97	—	—	—	16	

COLOR PICTURE TUBES AND ASSEMBLIES – NORTH AMERICA

COLOR PICTURE TUBES (100° deflection angle)

tube type designation	tube size	TV system/video mode	mask	neck dia. meter	panel trans mission	screen finish	overall length (max)	base	typical operating conditions					V _a (abs max)	I _a (long term average)	implosion protection	remarks
									V _{p1}	V _a	V _{g3}	V _{g2}	V _{cut off}				
	cm			mm	%		mm		V/mA	kV	% of V _a	V	V	kV	μA		

A63AFW36X	63	525/625	akoca	29.1	38	HG	477	810-277	6.15/315	30	27	675-960	160	30	1500	UL	25V
A68AJB82X	68	525/625	akoca	29.1	36	HG	473	810-277	6.15/315	30	27	675-960	160	30	1500	UL	27V

ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									appli- cation	remarks
	horizontal coil			vertical coil			SVM coil				
	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	cur- rent (p-p) A	induc- tance	resis- tance	sensi- tivity		
	mH	Ω		mH	Ω		μ H	Ω	mm/A	kHz	

A63AFW36X02	1.38	1.38	4.8	19.3	8.7	1.60	—	—	—	—	Northern region
A68AJB82X03	1.31	1.82	5.1	18.0	7.2	1.70	—	—	—	—	All regions

COLOR PICTURE TUBES (110° deflection angle)

A80ECK272X	80	525/625	akoca	29.1	37	HG	502	810-277	6.15/315	30	28	675-960	160	30	1500	UL	32V
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A80ECK272X56	1.05	1.07	5.8	11.3	6.7	1.62	—	—	—	—	Northern & Equatorial
A80ECK272X95	1.05	1.07	5.8	11.3	6.7	1.62	4.2	1.60	—	—	Northern & Equatorial

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