

COLOUR PICTURE TUBES AND ASSEMBLIES

COLOUR 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 _p /I _f	V _a	V _{g3}	V _{g2}	V _{cut off}				
									V/mA	kV	% of V _a	V	V	kV	μA		

A34EAC01X	34	525/625	akoca	22.9	46	High Gloss	339	B8-294	6.15/315	23	28	310-600	120	27.5	750	EN60065	HiBri
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									application	remarks
	horizontal coil			vertical coil			SVM coil				
	inductance	resistance	current (p-p) A	inductance	resistance	current (p-p) A	inductance	resistance	sensitivity		
	mH	Ω	A	mH	Ω	A	μ H	Ω	mm/A	kHz	

A34EAC01X06	2.50	3.3	2.07	27.5	13.6	0.75	—	—	—	16	
A34EAC01X13	2.50	3.3	2.07	27.5	13.6	0.75	—	—	—	16	mains isolated
A34EAC01X46	2.28	3.2	2.17	41.0	20.2	0.62	—	—	—	16	

FS COLOUR PICTURE TUBES AND ASSEMBLIES

FS COLOUR 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 _p /I _f	V _a	V _{g3}	V _{g2}	V _{cut off}				
									V/mA	kV	% of V _a	V	V	kV	μA		

A41EAM40X	41	525/625	akoca	22.9	42	High Gloss	374	B8-294	6.15/315	23	31	310-685	125	27.5	750	EN60065	HiBri
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A51EAL135X	51	525/625	akoca	29.4	52	High Gloss	450	B10-277	6.15/315	27.5	31	700-1020	160	31	1000	EN60065	
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A51EAL155X	51	525/625	akoca	29.4	41	High Gloss	450	B10-277	6.15/315	27.5	31	700-1020	160	31	1000	EN60065	
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A51EHE175X	51	525/625	akoca	29.4	41	High Gloss	450	B10-277	6.15/315	27.5	31	700-1020	160	31	1000	EN60065	High-End
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									application	remarks
	horizontal coil			vertical coil			SVM coil				
	inductance	resistance	current (p-p) A	inductance	resistance	current (p-p) A	inductance	resistance	sensitivity		
	mH	Ω	A	mH	Ω	A	μH	Ω	mm/A	kHz	

A41EAM40X01	2.43	3.2	2.10	26.2	12.0	0.82	—	—	—	16	
A41EAM40X14	2.21	3.0	2.20	34.0	17.0	0.73	—	—	—	16	

A51EAL135X01	2.00	2.35	3.1	19.5	10.1	1.17	—	—	—	16	
A51EAL135X13	1.70	2.00	3.4	19.5	10.1	1.17	—	—	—	16	mains isolated

A51EAL155X01	2.00	2.35	3.1	19.5	10.1	1.17	—	—	—	16	
A51EAL155X10	1.70	2.00	3.4	19.5	10.1	1.17	—	—	—	16	
A51EAL155X13	1.70	2.00	3.4	19.5	10.1	1.17	—	—	—	16	mains isolated
A51EAL155X47	1.37	1.56	3.5	19.5	10.1	1.17	—	—	—	16	

A51EHE175X50	0.65	1.0	5.0	10.2	8.3	1.22	—	—	—	32	
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FS COLOUR PICTURE TUBES AND ASSEMBLIES

FS COLOUR PICTURE TUBES (110° 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 _p /I _f	V _a	V _{g3}	V _{g2}	V _{cut off}				
									V/mA	kV	% of V _a	V	V	kV	μA		

A59EAK071X	59	525/625	akoca	29.4	46	High Gloss	388	B10-277	6.15/315	25	31	575-825	130	29.5	1000	EN60065	
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A66EAK071X	66	525/625	akoca	29.4	44	High Gloss	419.5	B10-277	6.15/315	25	31	575-825	130	29.5	1000	EN60065	
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									application	remarks
	horizontal coil			vertical coil			SVM coil				
	inductance	resistance	current (p-p) A	inductance	resistance	current (p-p) A	inductance	resistance	sensitivity		
	mH	Ω	A	mH	Ω	A	μH	Ω	mm/A	kHz	

A59EAK071X01	1.85	1.80	4.1	11.1	6.3	1.65	—	—	—	16	
A59EAK071X11	1.58	1.64	4.5	8.6	5.0	1.94	—	—	—	16	
A59EAK071X21	1.58	1.64	4.5	8.6	5.0	1.94	4.2	1.60	1.90	16	
A59EAK071X44	0.38	0.36	9.2	6.2	3.5	2.19	—	—	—	32	
A59EAK071X54	0.38	0.36	9.2	6.2	3.5	2.19	4.2	1.60	1.90	32	

A66EAK071X01	1.84	1.82	4.2	10.7	6.2	1.76	—	—	—	16	
A66EAK071X11	1.58	1.64	4.6	8.6	5.0	1.94	—	—	—	16	
A66EAK071X21	1.58	1.64	4.6	8.6	5.0	1.94	4.2	1.60	2.10	16	
A66EAK071X44	0.35	0.40	9.8	6.1	3.4	2.34	—	—	—	32	
A66EAK071X54	0.35	0.40	9.8	6.1	3.4	2.34	2.10	1.60	2.10	32	

Black Line S FS COLOUR PICTURE TUBES AND ASSEMBLIES

FS COLOUR PICTURE TUBES (110° 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 _p /I _f	V _a	V _{g3}	V _{g2}	V _{cut off}				
									V/mA	kV	% of V _a	V	V	kV	μA		

A59EAK552X	59	525/625	invar	29.4	40	High Gloss	388	B10-277	6.3/315	27.5	31	700-1020	160	32	1300	EN60065	NH
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A66EAK552X	66	525/625	invar	29.4	37	High Gloss	419.5	B10-277	6.3/315	27.5	31	700-1020	160	32	1300	EN60065	NH
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A80EFF002X	80	525/625	invar	29.4	37	High Gloss	500	B10-277	6.3/315	27.5	28	700-1020	160	33	1300	EN60065 UL1418	
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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		

A59EAK552X01	1.85	1.80	4.3	11.1	6.3	1.73	—	—	—	16	
A59EAK552X11	1.58	1.64	4.7	8.6	5.0	2.04	—	—	—	16	
A59EAK552X21	1.58	1.64	4.7	8.6	5.0	2.04	4.2	1.60	1.90	16	
A59EAK552X44	0.38	0.36	9.6	6.2	3.5	2.30	—	—	—	32	
A59EAK552X54	0.38	0.36	9.6	6.2	3.5	2.30	4.2	1.60	1.90	32	

A66EAK552X01	1.84	1.80	4.4	10.7	6.20	1.85	—	—	—	16	
A66EAK552X11	1.58	1.64	4.8	8.6	5.00	2.04	—	—	—	16	
A66EAK552X21	1.58	1.64	4.78	8.6	5.00	2.04	4.2	1.60	2.10	16	
A66EAK552X44	0.35	0.40	10.3	6.1	3.5	2.45	—	—	—	32	
A66EAK552X54	0.35	0.40	10.3	6.1	3.5	2.45	2.10	1.60	2.10	32	

A80EFF002X11	1.50	1.53	4.9	11.3	6.7	1.62	4.2	1.60	2.10	16	
A80EFF002X43	0.35	0.43	10.0	6.7	4.0	2.06	1.80	1.00	2.10	32	

Black Line SF COLOUR PICTURE TUBES AND ASSEMBLIES

BLACK LINE SF COLOUR PICTURE TUBES (110° deflection angle)

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

A59ESF002X	59	525/625	invar	29.4	39	High Gloss	388	B10-277	6.15/315	29.5	28	780-1100	160	36	1300	EN60065 UL1418	NH
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A68ESF002X	68	525/625	invar	29.4	37	High Gloss	438	B10-277	6.15/315	29.5	28	780-1100	160	36	1300	EN60065 UL1418	NH
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ASSEMBLIES AND DEFLECTION YOKES

assemblies	deflection coil data									application	remarks
	horizontal coil			vertical coil			SVM coil				
	inductance mH	resistance Ω	current (p-p) A	inductance mH	resistance Ω	current (p-p) A	inductance μH	resistance Ω	sensitivity mm/A		

A59ESF002X011	1.25	1.40	5.6	6.5	5.9	2.20	7.5	1.60	1.90	16	
A59ESF002X043	0.32	0.36	11.5	5.4	4.8	2.40	2.40	0.80	1.00	32	

A68ESF002X111	1.23	1.30	5.6	5.3	4.8	2.30	7.5	1.60	2.20	16	
A68ESF002X143	0.31	0.30	11.2	5.3	4.8	2.30	2.4	0.80	1.30	32	

Black Line WSF COLOUR PICTURE TUBES AND ASSEMBLIES

WIDE-SCREEN SF COLOUR PICTURE TUBES (110° deflection angle)

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

WS6ECK001X	56	525/625	akoca	29.4	48	High Gloss	408	B10-277	6.15/315	25	25	595-835	130	30	1000	EN60065 UL1418	
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WS6ESF002X	56	525/625	invar	29.4	48	High Gloss	408	B10-277	6.15/315	30	27	780-1100	160	36	1300	EN60065 UL1418	
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W66ESF002X	66	525/625	invar	32.8	40	High Gloss	473.3	B10-302	6.15/315	30	27	780-1100	160	36	1300	EN60065 UL1418	
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W76ESF031X	76	525/625	invar	32.8	46	High Gloss	523.7	B10-304	6.15/315	30	28	900-1400	160	36	1600	EN60065 UL1418	
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ASSEMBLIES AND DEFLECTION YOKES

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

WS6ECK001X03	1.29	1.36	5.0	8.3	7.0	1.50	—	—	—	16	
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WS6ESF002X03	1.29	1.36	5.5	8.3	7.0	1.50	—	—	—	16	
WS6ESF002X04	1.18	1.24	5.8	8.3	7.0	1.50	—	—	—	16	
WS6ESF002X44	0.30	0.30	11.5	8.3	7.0	1.50	2.40	0.80	1.20	32	

W66ESF002X13	1.32	1.42	5.5	8.8	6.3	1.38	1.90	1.00	1.40	16	
W66ESF002X14	1.16	1.32	5.7	8.8	6.3	1.38	1.90	1.00	1.40	16	
W66ESF002X44	0.31	0.35	11.3	8.8	6.3	1.38	1.90	1.00	1.40	32	

W76ESF031X13	1.31	1.44	5.5	8.8	6.3	1.38	1.90	1.00	1.60	16	DAF
W76ESF031X14	1.16	1.30	5.9	8.8	6.3	1.38	1.90	1.00	1.60	16	DAF
W76ESF031X44	0.30	0.35	11.8	8.8	6.3	1.38	1.90	1.00	1.60	32	DAF

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