

ESSEX-X-RAY - 2100 SERIES SHIELDED CABLE - DATA SHEET

VOLTAGE		PART NUMBER	CONDUCTOR SIZE				SEMICON DIA (mm)	DIELECTRIC		SHIELD			JACKET MATERIAL	OUTSIDE DIAMETER (mm)	IMPEDANCE (ohms)	CAPACITANCE (pF/Mtr)	MIN BEND RADIUS (mm)	MIN AMBIENT TEMP C	MAX CONDUCTOR TEMP C	WEIGHT KG/MTR	
DC (kV)	AC (kV)		AWG	STRANDS	mm2	DIA (mm)		MATERIAL	DIA (mm)	CONSTRUCTION	AWG (equiv)	Coverage (%)									SEMICON
10		2232	6	133/27TC	13.30	5.30	N/A	LDHMW PE	7.60	30 TC BRAID	6	95	N/A	TPR	11.94	14	358	152	-51	60	0.298
10		2164	11	#30 BC Braid	5.95	7.90	N/A	LDHMW PE	9.80	30 BC BRAID	9	93	N/A	LDHMW PE	12.83	9	590	36	-51	60	0.745
10		2167	6	#30 BC Braid	13.30	18.30	N/A	LDHMW PE	21.10	30 BC BRAID	7	95	N/A	LDHMW PE	25.78	6	899	356	-51	60	1.267
13	5	2075S J	12	19/25 SPC	3.31	2.30	3.40	SILICONE	6.00	34 TC BRAID	18	90	ink & tape		10.67	25	321	25	-65	200	0.127
15		2139SVJ	8	133/29 TC	8.37	4.20	N/A	SILICONE	6.50	34 TC BRAID	12	95	N/A	PVC	9.65	15	410	51	-51	60	0.298
20		2168	8	#33 BC Braid	8.37	5.80	7.10	LDHMW PE	10.60	32 BC BRAID	9	90	N/A	LDHMW PE	14.38	19	321	178	-51	60	0.805
25		2157-R1	2	#28 BC Braid	33.62	17.30	N/A	LDHMWPE	23.50	28 BC BRAID	3	90	N/A	LDHMW PE	29.08	12	413	381	-51	60	1.490
25		2255	00	437X	108.90	15.50	16	EPR	26.70	2X50X18			N/A	polyurethane	39.37	18	325	635	-60	130	3.576
25		2245	11	#30 BC Braid	4.00	9.40	N/A	LDHMWPE	12.40	30 BC BRAID	9	93	N/A	LDHMW PE	15.75	12	351	203	-60	71	0.894
25		2250	6	#30 BC Braid	13.50	15.20	N/A	LDHMWPE	23.60	30 BC BRAID	6	80	N/A	LDHMW PE	28.96	17	295	305	-60	71	0.715
30		2215STJ	16	19/29SPC	1.31	1.50	N/A	SILICONE	7.00	34 TC BRAID	15	83	ink & tape	TPR	10.41	51	118	25	-65	121	0.128
40	15	2012S J	18	19/30SPC	0.83	1.30	2.30	SILICONE	6.00	34 TC BRAID	18	82	ink & tape		10.67	41	184	25	-65	200	0.124
50	17	2032S J	16	19/29SPC	1.31	1.50	2.50	SILICONE	7.50	34 TC BRAID	17	90	ink & tape		11.94	44	164	25	-65	200	0.171
50	17	2107	1	259/25TC	44.21	8.30	9.90	EPR	19.10	16X22 TC	10		extruded	PVC	25.40	26	246	127	-51	121	0.596
60	20	2024S J	12	19/25SPC	3.31	2.30	3.40	SILICONE	9.10	34 TC BRAID	15	82	ink & tape		13.34	39	187	25	-65	200	0.232
60	20	2149SVJ	18	19/30TC	0.83	1.30	2.00	LDHMW PE	5.80	34 TC BRAID	17	86	N/A	PVC	8.51	50	121	64	-51	60	0.075
60	20	2240-R2	12	19/25SPC	3.35	2.40	3.60	EPR	10.20	34 TC BRAID	14	95	extruded	polyurethane	17.02	45	157	152	-51	130	0.373
75	25	2110SUJ	2	133/23TC	33.62	6.60	8.10	EPR	14.50	30 TC BRAID	4	95	N/A	polyurethane	20.07	19	387	102	-51	71	0.730
100	30	2062S J	8	133/29SPC	8.37	4.20	5.60	SILICONE	16.50	34 TC BRAID	16	82	ink & tape		20.57	41	164	140	-65	200	0.596
100		2124	16	19/29TC	1.31	1.50	2.50	LDHMW PE	9.40	34 TC BRAID	13	90	N/A	PVC	11.18	61	98	152	-51	60	0.149
100		2125	12	19/25TC	3.31	2.30	3.30	LDHMW PE	9.40	34 TC BRAID	13	90	N/A	PVC	11.18	48	121	152	-51	60	0.149
100	30	2242	10	19/23TC	4.92	2.90	4.80	EPR	15.70	34 TC BRAID	14	90	extruded	polyurethane	21.59	48	141	127	-51	130	0.596
125		2196	10	19/23TC	5.31	3.00	4.00	LDHMW PE	12.40	34 TC BRAID	12	90	N/A	PVC	15.88	50	112	229	-51	60	0.581
125	40	2128	6	133/27TC	13.30	5.30	7.60	EPR	20.10	30 TC BRAID	8	82	ink & tpae	polyurethane	24.77	39	171	127	-51	121	0.641
150		2121	12	19/25TC	3.31	2.30	3.30	LDHMW PE	12.40	34 TC BRAID	12	90	N/A	PVC	15.88	59	95	216	-51	60	0.253
150	60	2265	2	Solid	6.54	6.50	8.00	XLPE	19.80	34 TC BRAID	10	90	extruded	polyolefin	25.65	42	141	406	-51	60	1.192
200		2134	12	19/25TC	3.31	2.30	5.60	LDHMW PE	19.30	34 TC BRAID	13	80	N/A	PVC	21.59	64	102	25	-51	60	0.551
250		2158	00	19X	67.43	10.30	12.20	LDHMW PE	33.30	30 TC BRAID	6	90	N/A	PVC	38.61	43	128	457	-51	60	1.788
300		2077	4	Solid	21.15	5.20	6.10	LDHMW PE	3.30	30 TC BRAID	6	90	N/A	PVC	38.10	70	75	305	-51	60	1.490
300		2182	7	Solid	10.00	3.60	5.10	LDHMW PE	3.30	30 TC BRAID	6	90	N/A	PVC	38.10	81	69	305	-51	60	1.341
300	100	2019-01	0	19X	107.20	11.70	13.50	LDHMW PE	4.06	0.01 Cu TAPE	1	100	extruded	HD PE	50.80	48	115	711	-60	71	3.129