

Multiconductor, Overall Foil Shielded Cables

多芯線，鋁鉑總包遮蔽

PVC/PVC INSULATED INSTRUMENTATION OR COMPUTER CABLES FOR EIA RS-232
PVC/PVC絕緣，儀器用或電腦用線應用在RS-232



Product Description 產品

- Conductors: Stranded tinned Copper
- Insulation: PVC or semi-rigid PVC
- Shield: Overall aluminum polyester
- Drain Wire: Stranded tinned copper 24 AWG (7/32)

Characteristics 特性

- Meet UL requirements, CL2 special composition were used for PVC jacket to meet vertical tray flame test

Applications 應用

- EIA RS-232
- Computer intrconnect
- Instrumentation
- Point of Sale (POS)
- Peripherals
- LAN applications

UL FILE NO. E87647, E119722

CSA FILE NO. LL58663

COMPLETE THE PART NUMBER WITH OUR INDUSTRY APPROVAL SERIAL NUMBER

UL 2464, CSA I/II, CL2.

PART NUMBER	NUMBER OF CONDUCTORS	INSULATION THICKNESS		JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAPACITANCE	
		INCH	MM	INCH	MM	INCH	MM	PF/FT	PF/M
22 AWG · STRANDED (7/30) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
F001	3	.010	.25	.035	.89	.180	4.57	36	118
F002	4	.010	.25	.035	.89	.195	4.95	36	118
F003	5	.010	.25	.035	.89	.210	5.33	36	118
F004	6	.010	.25	.035	.89	.225	5.72	36	118
F005	7	.010	.25	.035	.89	.225	5.72	36	118
F006	8	.010	.25	.035	.89	.240	6.1	36	118
F007	9	.010	.25	.035	.89	.255	6.48	33	108
F008	10	.010	.25	.035	.89	.275	6.99	33	108
F009	15	.010	.25	.035	.89	.310	7.87	33	108
F010	20	.010	.25	.035	.89	.340	8.64	33	108
F011	25	.010	.25	.035	.89	.375	9.53	33	108
F012	30	.010	.25	.035	.89	.395	10.03	33	108
F013	45	.010	.25	.035	.89	.440	11.18	33	108
F014	50	.010	.25	.035	.89	.495	12.57	33	108
24 AWG · STRANDED (7/32) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
F015	3	.010	.25	.035	.89	.170	4.32	33	108
F016	4	.010	.25	.035	.89	.180	4.57	33	108
F017	5	.010	.25	.035	.89	.190	4.83	33	108
F018	6	.010	.25	.035	.89	.205	5.20	33	108
F019	7	.010	.25	.035	.89	.205	5.20	33	108
F020	8	.010	.25	.035	.89	.220	5.59	33	108
F021	9	.010	.25	.035	.89	.250	6.40	30	98
F022	10	.010	.25	.035	.89	.250	6.40	30	98
F023	15	.010	.25	.035	.89	.280	7.11	30	98
F024	20	.010	.25	.035	.89	.310	7.87	30	98
F025	25	.010	.25	.035	.89	.350	8.89	30	98
F026	30	.010	.25	.035	.89	.360	9.14	30	98
F027	40	.010	.25	.035	.89	.395	10.03	30	98
F028	50	.010	.25	.035	.89	.445	11.30	30	98
26 AWG · STRANDED (7/34) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
F029	3	.010	.25	.035	.89	.160	4.06	30	98
F030	4	.010	.25	.035	.89	.170	4.32	30	98
F031	5	.010	.25	.035	.89	.180	4.57	30	98
F032	7	.010	.25	.035	.89	.195	4.95	30	98
F033	8	.010	.25	.035	.89	.205	5.21	30	98
F034	9	.010	.25	.035	.89	.215	5.46	30	89
F035	10	.010	.25	.035	.89	.230	5.84	30	89
F036	12	.010	.25	.035	.89	.235	5.97	30	89
F037	15	.010	.25	.035	.89	.260	6.60	30	89
F038	20	.010	.25	.035	.89	.280	7.11	30	89
F039	25	.010	.25	.035	.89	.310	7.87	30	89
F040	30	.010	.25	.035	.89	.325	8.26	30	89
F041	40	.010	.25	.035	.89	.360	9.14	30	89
F042	50	.010	.25	.035	.89	.405	10.29	30	89



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PVC/PVC INSULATED COMPUTER CABLES FOR EIA RS-232 AND F.C.C. DOCKET 20780
APPLICATION (PVC/PVC絕緣, 儀器用或電腦用線應用在RS-232)



Product Description 產品

- Conductors: Stranded tinned Copper
- Insulation: semi-rigid PVC
- Shield: Overall aluminum polyester with tinned copper braid shield

Characteristics 特性

- Meet UL requirements, CL2 special composition were used for PVC jacket to meet vertical tray flame test
- Maximum EMI shielding

Applications 應用

- EIA RS-232
- Computer interconnect Peripherals
- Shield helps OEM's meet the FCC Docket 20780, Class A and B requirements

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		INCH	MM	INCH	MM	INCH	MM	PF/FT	PF/M	
22 AWG • STRANDED (7/30) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)										
F043	3	.010	.25	.035	.89	.210	5.33	37	122	
F044	4	.010	.25	.035	.89	.225	5.72	37	122	
F045	5	.010	.25	.035	.89	.240	6.10	37	122	
F046	6	.010	.25	.035	.89	.255	6.48	35	115	
F047	7	.010	.25	.035	.89	.255	6.48	35	115	
F048	8	.010	.25	.035	.89	.270	6.86	35	115	
F049	9	.010	.25	.035	.89	.285	7.24	35	115	
F050	10	.010	.25	.035	.89	.305	7.75	35	115	
F051	15	.010	.25	.035	.89	.340	8.63	35	115	
F052	25	.010	.25	.035	.89	.410	10.41	35	115	
F053	37	.010	.25	.035	.89	.455	11.56	35	115	
F054	50	.010	.25	.035	.89	.530	13.46	35	115	
24 AWG • STRANDED (7/32) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)										
F055	3	.010	.25	.035	.89	.190	4.83	35	115	
F056	4	.010	.25	.035	.89	.205	5.08	35	115	
F057	5	.010	.25	.035	.89	.215	5.46	35	115	
F058	6	.010	.25	.035	.89	.230	5.72	30	98	
F059	7	.010	.25	.035	.89	.230	5.72	30	98	
F060	8	.010	.25	.035	.89	.245	6.35	30	98	
F061	9	.010	.25	.035	.89	.255	6.48	30	98	
F062	10	.010	.25	.035	.89	.275	6.86	30	98	
F063	15	.010	.25	.035	.89	.305	7.62	30	98	
F064	25	.010	.25	.035	.89	.365	9.40	30	98	
F065	37	.010	.25	.035	.89	.405	10.41	30	98	
F066	50	.010	.25	.035	.89	.470	12.32	30	98	
28 AWG • STRANDED (7/34) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)										
F067	3	.010	.25	.035	.89	.170	4.19	28	92	
F068	4	.010	.25	.035	.89	.180	4.57	28	92	
F069	5	.010	.25	.035	.89	.190	4.83	28	92	
F070	6	.010	.25	.035	.89	.200	5.08	26	85	
F071	7	.010	.25	.035	.89	.200	5.08	26	85	
F072	8	.010	.25	.035	.89	.215	5.33	26	85	
F073	9	.010	.25	.035	.89	.225	5.59	26	85	
F074	10	.010	.25	.035	.89	.240	5.97	26	85	
F075	15	.010	.25	.035	.89	.260	6.60	26	85	
F076	25	.010	.25	.035	.89	.305	7.75	26	85	
F077	37	.010	.25	.035	.89	.345	8.76	26	85	
F078	50	.010	.25	.035	.89	.390	10.16	26	85	



Multipaired Overall Foil Shielded Cables 多對線鋁鉑總包遮蔽

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(PVC/PVC絕緣, 儀器用或電腦用線應用在RS-232)



Product Description 產品

- Conductors: Stranded tinned Copper
- Insulation: semi-rigid PVC
- Shield: Overall aluminum polyester
- Drain Wire: Stranded tinned copper 24 AWG (7/32)

Characteristics 特性

- Meet UL requirements, CL2 special composition were used for PVC jacket to meet vertical tray flame test

Applications 應用

- EIA RS-232
- Computer intrconnect
- Instrumentation

UL FILE NO. E87647, E119722

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		INCH	MM	INCH	MM	INCH	MM	PF/FT	PF/M
22 AWG · STRANDED (7/30) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I001	2	.010	.25	.035	.89	.250	6.35	40	131
I002	3	.010	.25	.035	.89	.265	6.73	35	115
I003	4	.010	.25	.035	.89	.285	7.24	35	115
I004	5	.010	.25	.035	.89	.315	8.00	35	115
I005	6	.010	.25	.035	.89	.325	8.26	35	115
I006	7	.010	.25	.035	.89	.325	8.26	35	115
I007	8	.010	.25	.035	.89	.355	9.02	35	115
I008	9	.010	.25	.035	.89	.375	9.53	35	115
I009	10	.010	.25	.035	.89	.400	10.16	35	115
I010	15	.010	.25	.035	.89	.445	11.30	35	115
I011	19	.010	.25	.035	.89	.475	12.07	35	115
I012	25	.010	.25	.035	.89	.555	14.10	35	115
24 AWG · STRANDED (7/32) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I013	2	.010	.25	.035	.81	.225	5.71	34	112
I014	3	.010	.25	.035	.81	.235	5.97	30	98
I015	4	.010	.25	.035	.89	.265	6.73	30	98
I016	5	.010	.25	.035	.89	.285	7.24	30	98
I017	6	.010	.25	.035	.89	.295	7.49	30	98
I018	7	.010	.25	.035	.89	.295	7.49	30	98
I019	8	.010	.25	.035	.89	.320	8.13	30	98
I020	9	.010	.25	.035	.89	.340	8.64	30	98
I021	10	.010	.25	.035	.89	.360	9.14	30	98
I022	15	.010	.25	.035	.89	.400	10.16	30	98
I023	19	.010	.25	.035	.89	.445	11.30	30	98
I024	25	.010	.25	.035	.89	.500	12.70	30	98
28 AWG · STRANDED (7/34) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I025	2	.010	.25	.035	.89	.210	5.33	31	101
I026	3	.010	.25	.035	.89	.220	5.59	27	89
I027	4	.010	.25	.035	.89	.240	6.10	27	89
I028	6	.010	.25	.035	.89	.270	6.86	27	89
I029	9	.010	.25	.035	.89	.310	7.87	27	89
I030	12	.010	.25	.035	.89	.340	8.64	27	89
I031	15	.010	.25	.035	.89	.365	9.27	27	89
I032	19	.010	.25	.035	.89	.385	9.78	27	89
I033	23	.010	.25	.035	.89	.425	10.80	27	89
I034	27	.010	.25	.035	.89	.455	11.56	27	89



Multipaired Overall Foil & Braided Shielded Cables 多對線鋁鉛總包遮蔽

PVC/PVC INSULATED COMPUTER CABLES FOR EIA RS-232 AND F.C.C. DOCKET 20780
APPLICATIONS (PVC/PVC絕緣, 儀器用或電腦用線應用在RS-232)



Product Description 產品

- Conductors: Stranded tinned Copper
- Insulation: semi-rigid PVC
- Shield: Overall aluminum polyester with tinned copper braid shield

Characteristics 特性

- Meet UL requirements, CL2 special composition were used for PVC jacket to meet vertical tray flame test
- Maximum EMI shielding

Applications 應用

- EIA RS-232
- Computer intrconnect /Peripheral
- FCC Docket 20780, Class A and B shielding
- Instrumentation
- High-Speed data transfer

UL FILE NO. E87647, E119722

CSA FILE NO. LL58663

COMPLETE THE PART NUMBER WITH OUR INDUSTRY APPROVAL SERIAL NUMBER

UL 2464, CSA I / II, CL2 .

PART NUMBER	NUMBER OF CONDUCTORS	INSULATION THICKNESS		JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAPACITANCE	
		INCH	MM	INCH	MM	INCH	MM	PF/FT	PF/M
22 AWG · STRANDED (7/30) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I035	2	.010	.25	.035	.89	.260	6.60	40	131
I036	3	.010	.25	.035	.89	.295	7.49	35	115
I037	4	.010	.25	.035	.89	.320	8.13	35	115
I038	5	.010	.25	.035	.89	.325	8.26	35	115
I039	6	.010	.25	.035	.89	.350	8.89	35	115
I040	7	.010	.25	.035	.89	.350	8.89	35	115
I041	8	.010	.25	.035	.89	.385	9.78	35	115
I042	10	.010	.25	.035	.89	.440	11.18	35	115
I043	12.5	.010	.25	.035	.89	.455	11.56	35	115
I044	15	.010	.25	.035	.89	.500	12.70	35	115
I045	18	.010	.25	.035	.89	.535	13.59	35	115
I046	25	.010	.25	.035	.89	.620	15.75	35	115
24 AWG · STRANDED (7/32) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I047	2	.010	.25	.035	.81	.250	6.35	30	98
I048	3	.010	.25	.035	.81	.275	6.98	30	98
I049	4	.010	.25	.035	.89	.290	7.37	30	98
I050	5	.010	.25	.035	.89	.295	7.49	30	98
I051	6	.010	.25	.035	.89	.310	7.87	30	98
I052	7	.010	.25	.035	.89	.310	7.87	30	98
I053	8	.010	.25	.035	.89	.335	8.51	30	98
I054	10	.010	.25	.035	.89	.385	9.78	30	98
I055	12.5	.010	.25	.035	.89	.405	10.29	30	98
I056	15	.010	.25	.035	.89	.445	11.30	30	98
I057	18	.010	.25	.035	.89	.480	12.19	30	98
I058	25	.010	.25	.035	.89	.550	13.97	30	98
28 AWG · STRANDED (7/34) CL2 OR UL 2464 CSA SR-PVC 80°C 300 VOLTS (CUL)									
I059	2	.010	.25	.035	.89	.220	5.59	28	92
I060	3	.010	.25	.035	.89	.230	5.84	25	80
I061	4	.010	.25	.035	.89	.245	6.22	25	80
I062	5	.010	.25	.035	.89	.265	6.73	25	80
I063	6	.010	.25	.035	.89	.270	6.86	25	80
I064	7	.010	.25	.035	.89	.270	6.86	25	80
I065	8	.010	.25	.035	.89	.295	7.49	25	80
I066	10	.010	.25	.035	.89	.325	8.26	25	80
I067	12.5	.010	.25	.035	.89	.325	8.51	25	80
I068	15	.010	.25	.035	.89	.355	9.02	25	80
I069	18	.010	.25	.035	.89	.375	9.53	25	80
I070	25	.010	.25	.035	.89	.435	11.05	25	80

Pan Cable Design Technologies

IPI/HIPPI/SCSI2,3/IEEE1284/Half-pitch Electronic Performance Table

Trade No. 商業編號	CONDUCTOR CABLE TYPE 銅導體	CABLE OD m/m 完成線徑	Insulation O/D 芯線徑 m/m	CUL-Style	CHARACTERISTIC IMPEDANCE 特性阻抗		CAPACITANCE 電容	PROPAGATION DELAY 延遲時間		
					T.D.R.	NETWORK ANALYZER				
C001	SCSI 2SPAR	28AWG	10.5-25PAIR	0.88	CL2, 2919	DM 123±9Ω	137+10Ω	MUTUAL 12.3PF/FT	(NOMINAL)	
C002	SCSI *P*34PAR	"	11.5-34PAIR	0.88	20276	SEM 80±7Ω	83+8Ω	GROUND 18.5PF/FT	1.50 NS/FT	
C003	SCSI PLUS 25P	28AWG	10.8-25PAIR	0.88	CL2, 2919	134±10Ω	141+10Ω	11.0PF/FT		
C004	SCSI-3 PLUS *P*34P	"	11.7-34PAIR	0.88	20276	87±9Ω	91+9Ω	16.0PF/FT	1.39 NS/FT	
C005	SCSI 150Ω	28AWG	12.5-25PAIR	1.0	CL2, 2919 20276	150±10Ω	160+10Ω	11.0PF/FT	1.30 NS/FT	
						100±10Ω	105+10Ω	16.0PF/FT		
C006	SCSI	30AWG	10.8-25PAIR	0.88	CL2, 2919 20276	150±10Ω			1.41 NS/FT	
						100±10Ω				
C007	INTERNAL 25P	28AWG	9.6-25PAIR	0.88	CL2, 2919	147±10Ω		11.0PF/FT		
C008	SCSI 34P UTP	28AWG	11.2-34PAIR	0.88	20276	100±8Ω		16.0PF/FT	1.39 NS/FT	
C009	HIGH-DENSITY CABLE 7-50P	28AWG		0.64	CL2,2789	85Ω		20.2PF/FT	1.60 NS/FT	
						55Ω		@1MHZ		
C010-25P	IPI	28AWG	9.3-25PAIR	0.72	CL2, 20276	105±7Ω	108±6Ω	14PF	14PF	1.50 NS/FT
C011-50P	HIPPI SCSI-1	28AWG	12.0-50PAIR	0.72	CL2, 20276	64±5Ω	0±5Ω	23PF	23PF	
						T.D.R.	T.D.R.			
C012	EPP-18P 28AWG IEEE 1284 COMPLIANT	28AWG	7.8-18PAIR	0.64	CL2, 20276			62±6Ω(SEM) (4MHZ~16MHZ)	UNBLANCE	
								82 PF/M 1 MHZ	4.90 NS/M	
C013	Half-pitch	28AWG	11.5-50PAIR	0.58	2789	55(SEM), 84(DM)				

NOTE: EPP:ENHANCED PARALLEL PORT
TDR:TIME DOMAIN REFLECTOMETER
IPI:INTELLIGENT PERIPHERAL DEVICES
DM:DIFFERENTIAL MODE
SEM:SINGLE ENDED MODE
HIPPI:HIGH PERFORMANCE PARALLEL INTERFACE

芯線排列共34對:

W×W-B, GY×GY-B, Y×Y-B, P×P-B, O×O-B, R×R-B, Br×Br-B, G×G-B
L×L-B, V×V-B, 淺G×淺G-B, 淺L×L-B, B×B-W, W-B×R-W, GY-R×GY-W, Y-R×Y-W
O-R×O-W, P-R×O-W, Br-R×BR-W, G-R×G-W, L-R×L-W, V-R×V-W, 淺G-R×W-G
淺G-R×GY-G, Br-G×L-G, G-Y×P-O, L-Y×P-G, V-Y×W-O, GY-Y×GY-O, 淺G-Y×淺G-O
O-Y×P-L, GY-L×Y-G, O-L×V-G, O-G×V-L

