



# John Moore & Associates, Inc

Electrical & Lighting

[jmaone.com](http://jmaone.com)

**\* ARLINGTON INDUSTRIES \* - [aifittings.com](http://aifittings.com)**

Electrical Solutions / NM & Die Cast Fittings  
P.P. \$1,000 - NDA: 2pm Central  
[james.caruthers@jmaone.com](mailto:james.caruthers@jmaone.com) - 615.287.0500, Ext. 143 AI

**CABLOFIL / PW - [legrand.us/cablofil](http://legrand.us/cablofil)**

Cable Tray Products and Wiring Systems  
P.P. \$5,000 - NDA: 12pm Central  
[bob.chase@jmaone.com](mailto:bob.chase@jmaone.com) - 615.287.0500, Ext. 202 AI

**\* CAMERON WIRE \* - [cameronwire.com](http://cameronwire.com)**

Portable Cord, Aluminum Cable, Specialty Cable  
P.P. 2,000 lbs Aluminum only - \$3,000 mix - NDA: Not Available  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103

**CERRO WIRE - [cerrowire.com](http://cerrowire.com)**

THHN, NMB, XHHW, SEU, SER, USE, UF  
P.P. 5,000 lbs - NDA: Not Available  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103 AI

**\* CROUSE-HINDS \* Commercial - [crouse-hinds.com](http://crouse-hinds.com)**

Steel Outlet Boxes, Fittings and Myers Hubs  
P.P. Call - NDA: 12:30pm Central  
[ken.crenshaw@jmaone.com](mailto:ken.crenshaw@jmaone.com) - 615.287.0500, Ext. 201

**E-BOX - [e-boxenclosures.com](http://e-boxenclosures.com)**

Steel, Stainless, Aluminum, Painted, or Galvanized Enclosures  
Min. \$100/P.P. \$1,250 (TN Only) - NDA: 12pm Central  
[james.caruthers@jmaone.com](mailto:james.caruthers@jmaone.com) - 615.287.0500, Ext. 143

**\* EDISON FUSE \* - [edisonfuse.com](http://edisonfuse.com)**

Domestic and Multivolt Fuses & Accessories  
P.P. Call - NDA: 2pm Central  
[kevin.moore@jmaone.com](mailto:kevin.moore@jmaone.com) - 615.287.0500, Ext. 133

**EDWARDS SIGNALING - [edwardssignaling.com](http://edwardssignaling.com)**

Innovative Automation Signaling  
P.P. Call - NDA: 12pm Central  
[ken.crenshaw@jmaone.com](mailto:ken.crenshaw@jmaone.com) - 615.287.0500, Ext. 201 AI

**\* ELITE COMPONENTS \* - [elitecomponents.com](http://elitecomponents.com)**

Spring Steel Clips, Fasteners & Strut Fittings  
Min: \$100/P.P. \$500/fittings - NDA: 2pm Central  
[ken.crenshaw@jmaone.com](mailto:ken.crenshaw@jmaone.com) - 615.287.0500, Ext. 201

**GENERAL CABLE - [generalcable.com](http://generalcable.com)**

Medium Voltage Cable, Portable Cord, Copper & Aluminum Bldg. Wire  
Min/P.P. Call - NDA: Not Available  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103 AI

**\* GENESIS CABLE \* - [genesis.resideo.com](http://genesis.resideo.com)**

Electronics, Data, Fire and Security Cables  
P.P. \$1,500 - NDA: 12pm Central  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103 A

**HAMMOND TRANSFORMERS - [hammondpowersolutions.com](http://hammondpowersolutions.com)**

Broadest Range DRY-Type Transformers Available  
Min: \$75/P.P. Call - NDA: 12:30pm Central  
[ken.crenshaw@jmaone.com](mailto:ken.crenshaw@jmaone.com) - 615.287.0500, Ext. 201 AI

**\* HERITAGE PLASTIC \* - [heritageplastics.com](http://heritageplastics.com)**

PVC Pipe and Fittings - NDA: 11am Central  
P.P. \$10,000 pipe - \$1,500 Fittings - \$10,000 combined  
[michael.moore@jmaone.com](mailto:michael.moore@jmaone.com) - 615.287.0500, Ext. 110 AI

**KIDDE - [kidde.com](http://kidde.com)**

CO & Smoke Detectors (including wireless)  
P.P. \$1,000 - NDA: 11am Central  
[michael.moore@jmaone.com](mailto:michael.moore@jmaone.com) - 615.287.0500, Ext. 110 AI

**MIDWEST - [midwestelectric.com](http://midwestelectric.com)**

Outdoor Power Equipment and Safety Switches  
P.P. \$500 - NDA: 11am Central  
[kevin.moore@jmaone.com](mailto:kevin.moore@jmaone.com) - 615.287.0500, Ext. 133 A

**\* NEXANS \* - [nexansenergy.com](http://nexansenergy.com)**

Copper & Aluminum Industrial / Building Wire - NDA: Not Available  
P.P. TC 7,500 lbs - Alum 2,000 lbs - Alum/MC combined 3,000 lbs  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103

**NSI / TORK - [nsiindustries.com](http://nsiindustries.com)**

Electrical Solutions & A Wide Range of Energy Control  
Min. \$100/P.P. Call - NDA: 2pm Central  
[michael.moore@jmaone.com](mailto:michael.moore@jmaone.com) - 615.287.0500, Ext. 110 I

**PASS & SEYMOUR / ON-Q - [legrand.us/passandseymour](http://legrand.us/passandseymour)**

Power, Lighting Control, Sound & Data Control  
P.P. Call - NDA: 12pm Central  
[bo.stem@jmaone.com](mailto:bo.stem@jmaone.com) - 615.287.0500, Ext. 125 AI

**SERVICE WIRE - [servicewire.com](http://servicewire.com)**

ServicePlex / XHHW, TC, VFD, IAC, USE, PV Cables  
P.P. 5,000 lbs - NDA: Not Available  
[keith.moore@jmaone.com](mailto:keith.moore@jmaone.com) - 615.287.0500, Ext. 103

**\* UNIVERSAL LIGHTING \* - [unvlt.com](http://unvlt.com)**

LED Drivers, Sign Tubes, LED Fixtures / Retrofit & Ballast  
P.P. \$500 - NDA: 2pm Central  
[duane.dursma@jmaone.com](mailto:duane.dursma@jmaone.com) - 615.287.0500, Ext. 153

**\* WHEATLAND TUBE \* - [wheatland.com](http://wheatland.com)**

20' & 10' Steel & Aluminum Conduit - Steel & Aluminum Fittings  
P.P. 10,000 lbs - \$750 fittings - NDA: 10am Central  
[michael.moore@jmaone.com](mailto:michael.moore@jmaone.com) - 615.287.0500, Ext. 110 A

**WIREMOLD / WALKER - [legrand.us/wiremold](http://legrand.us/wiremold)**

Floor Boxes, Power Poles, Raceway and Prewired Systems  
P.P. \$1,000 - NDA: 1pm Central  
[bob.chase@jmaone.com](mailto:bob.chase@jmaone.com) - 615.287.0500, Ext. 202 AI

THHN / XHHW AMPACITY			NET WEIGHT LB / KFT			XHHW AL AMPACITY	
Size	75°	90°	THHN	XHHW	XHHW AL	75°	90°
14 sol	15	15	15				
12 sol	20	20	23				
10 sol	30	30	37				
14	15	15	16	18			
12	20	20	24	26		20	25
10	30	30	39	40		30	35
8	50	55	63	64		40	45
6	65	75	98	97	40	50	60
4	85	95	157	149	57	65	75
3	100	110	193			75	85
2	115	130	240	230	84	90	100
1	130	150	300	288	108	100	115
1/0	150	170	376	360	131	120	135
2/0	175	195	467	456	161	135	150
3/0	200	225	581	563	198	155	175
4/0	230	260	724	703	243	180	205
250	255	290	855	837	292	205	230
300	285	320	1022	995	352	230	260
350	310	350	1191	1155	394	250	280
400	335	380	1345	1324	446	270	305
500	380	430	1668	1643	548	310	350
600	420	475	1994	1986	670	340	385
700	460	520		2283	787	375	425
750	475	535	2465	2467	822	385	435

SEU ALUM			SER ALUM	
Size	lb / kft	amps	lb / kft	amps
8	105	45	130	45
6	145	60	185	60
4	198	75	245	75
2	265	100	350	100
1	350	115	440	115
1/0	425	135	530	135
2/0	510	150	640	150
3/0	620	175	780	175
4/0	760	205	950	200

MC CABLE WITH GROUND			
Size	lb / kft	amps	O.D.
14/2	87	15	.446
14/3	106	15	.473
14/4	123	15	.505
12/2	118	20	.483
12/3	145	20	.514
12/4	173	20	.550
10/2	164	30	.550
10/3	207	30	.588
10/4	244	30	.643
8/2	229	55	.656
8/3	300	55	.713
8/4	371	55	.777
6/2	330	75	.742
6/3	435	75	.811
6/4	541	75	.886
4/3	624	95	.941
4/4	855	95	1.056
3/3	795	110	1.016
3/4	1049	110	1.029
2/3	966	130	1.091
2/4	1245	130	1.201
1/3	1427	150	1.203
1/0-3	1585	170	1.272



NMB CU 90° C					
Size	lb / kft	amps	Size	lb / kft	amps
14/2	58	15	14/3	75	15
12/2	83	20	12/3	109	20
10/2	126	30	10/3	166	30
8/2	187	40	8/3	254	40
6/2	257	55	6/3	360	55
			4/3	563	70
			2/3	821	95

PORTABLE CORD					
	SJ-E	SJEOW-A	SEOW-A	SEOW-A	
Size	O.D.	O.D.	O.D.	Size	O.D.
16/3	.335	.335	.395	8/3	.722
16/4	.360	.360	.420	8/4	.807
14/3	.370	.370	.535	6/3	.826
14/4	.400	.400	.575	6/4	.903
12/3	.435	.435	.600	4/3	.983
12/4	.475	.475	.650	4/4	1.074
10/3	.580	.580			
10/4	.640	.640			

RIGID			IMC		EMT	
Size	lb / C	ft / lift	lb / C	ft / lift	lb / C	ft / lift
1/2	82	2500	62	3500	30	7000
3/4	109	2000	84	2500	46	5000
1	161	1250	119	1700	67	3000
1-1/4	218	900	158	1350	101	2000
1-1/2	263	800	194	1100	116	1500
2	350	600	256	800	148	1200
2-1/2	559	370	441	370	216	610
3	727	300	543	300	263	510
3-1/2	880	250	629	240	349	370
4	1030	200	700	240	393	300

PVC SCH. 40 / 80 IMC			
Size	W/F 40	W/F 80	ft / lift
1/2	0.162	0.206	6000
3/4	0.216	0.28	4400
1	0.32	0.412	3600
1-1/4	0.434	0.571	3300
1-1/2	0.52	0.692	2250
2	0.699	0.959	1400
2-1/2	1.108	1.463	930
3	1.45	1.959	880
3-1/2	1.744	2.456	*630*
4	2.067	2.863	570

FUSE CROSS REFERENCE GUIDE					
Fuse Type	Volt	Edison	Bussmann	Mersen / Gould	Littlefuse
CC (HRCI-CC)	600	EDCC	LP-CC	ATDR	CCMR
	600	HCTR	FNQ-R	ATQR	KLDR
	600	HCLR	KTK-R	ATMR	KLKR
RK1	250	LENRK	LPN-RK-SP	A2DR	KLKR
	600	LESRK	LPS-RK-SP	A6DR	LLNRK
RK5	250	ECNR	FRN-R	TR	FLNR
	600	ECSR	FRS-R	TRS	FLSR
J	600	JDL	LPJ	AJT	JTD
T	300	TJN	JJN	A3T	JLLN
	600	TJS	JJS	A6T	JLLS
Midget	600	MCL	KTK	ATM	LKL
	250	MOL	BAF-BAN	OTM	BLF
	500	MEQ	FNQ	ATQ	FLQ
	250	MEN	FNM	TRM	FLM
1/4"x1-1/4" Ceramic	250/125	ABC	ABC	GAB	314
	250/32	AGC	AGC	GGC	312
1/4"x1-1/4" Glass	250	MDA	MDA	-	326
	250/32	MDL	MDL	GDL	313
5x20 mm Glass	250/125	GMA	GMA	GGM	235
	250/125	GMC	GMC	GSC	-
5x20 mm Glass	250	S500	GDB	GSB	217
	250	S506	GDC	GDG	218

JMA CONTACT - 615.287.0500		
MFG	Contact	Extension
ARLINGTON	James Caruthers	143
CABLOFIL / PW	Bob Chase	202
CAMERON	Keith Moore	103
CERRO	Keith Moore	103
CITEL	Ken Crenshaw	201
CROUSE-HINDS	Ken Crenshaw	201
E-BOX	James Caruthers	143
EDISON	Kevin Moore	133
EDWARDS	Ken Crenshaw	201
ELITE	Ken Crenshaw	201
GENERAL CABLE	Keith Moore	103
HAMMOND	Ken Crenshaw	201
HERITAGE	Michael Moore	110
GENESIS	Keith Moore	103
KIDDE	Michael Moore	110
MIDWEST	Kevin Moore	133
NEXANS	Keith Moore	103
NSI / TORK	Michael Moore	110
P&S / ON-Q	Bo Stem	125
SERVICE WIRE	Keith Moore	103
UNIVERSAL	Duane Dursma	153
WHEATLAND	Michael Moore	110
WIREMOLD	Bob Chase	202

RGA / RETURNS CONTACT: rga@jmaone.com