

## Letter From Our Chairman

### To Our Customers & Partners:

**INCOM** Egypt has undergone significant changes in the past five years in pursuit of our vision to become a global leader in the market. By manufacturing high-value products with an emphasis on incomparable quality and standards compliance, we have created a strong presence in our industry. Heavy investment in state-of-the-art machinery is enabling us to meet existing and forecasted production requirements while incorporating future growth plans. These efforts have resulted in steady facility expansions and development of our product range for the wires & cables division, wire harness division, injection division and PVC compounds manufacturing plant. In addition to these business units, we have recently increased production capacity in the plug insert factory and our customized plastic molding section.

Our goal is to be among the most sustainable companies in our industry, with close links between our quality of material, pricing, brand value, and our Group's business strategies. Much work remains to be done before we achieve our goals, but it is a realistic objective considering the progress that **INCOM** Egypt has already made. Personally, I believe that sustainability aspects must be integrated into everything we do, and this is important to **INCOM** Egypt's long-term success.

Together with the support and strong integration between **INCOM** Egypt and its sister companies, under **A.G. SINGER & CO.**, I believe we can aspire to achieve our vision and become a market global leader in a variety of industries.

I would like to personally thank all of our customers and our long-standing partners for entrusting us with their business requirements and giving us the opportunities to expand and strengthen our Group as a whole.

Sincerely,

**A.G. Singer**  
Chairman



## INCOM Egypt

INCOM America, Inc. (a member of the A.G. Singer & Co. Group of Companies) was established in 1994 in New Jersey, USA and specialized in the manufacturing of electric power supplies serving both the local and international markets. Due to the market demand in the Middle East and Gulf States, INCOM America, Inc. expanded its facilities to Alexandria, Egypt.

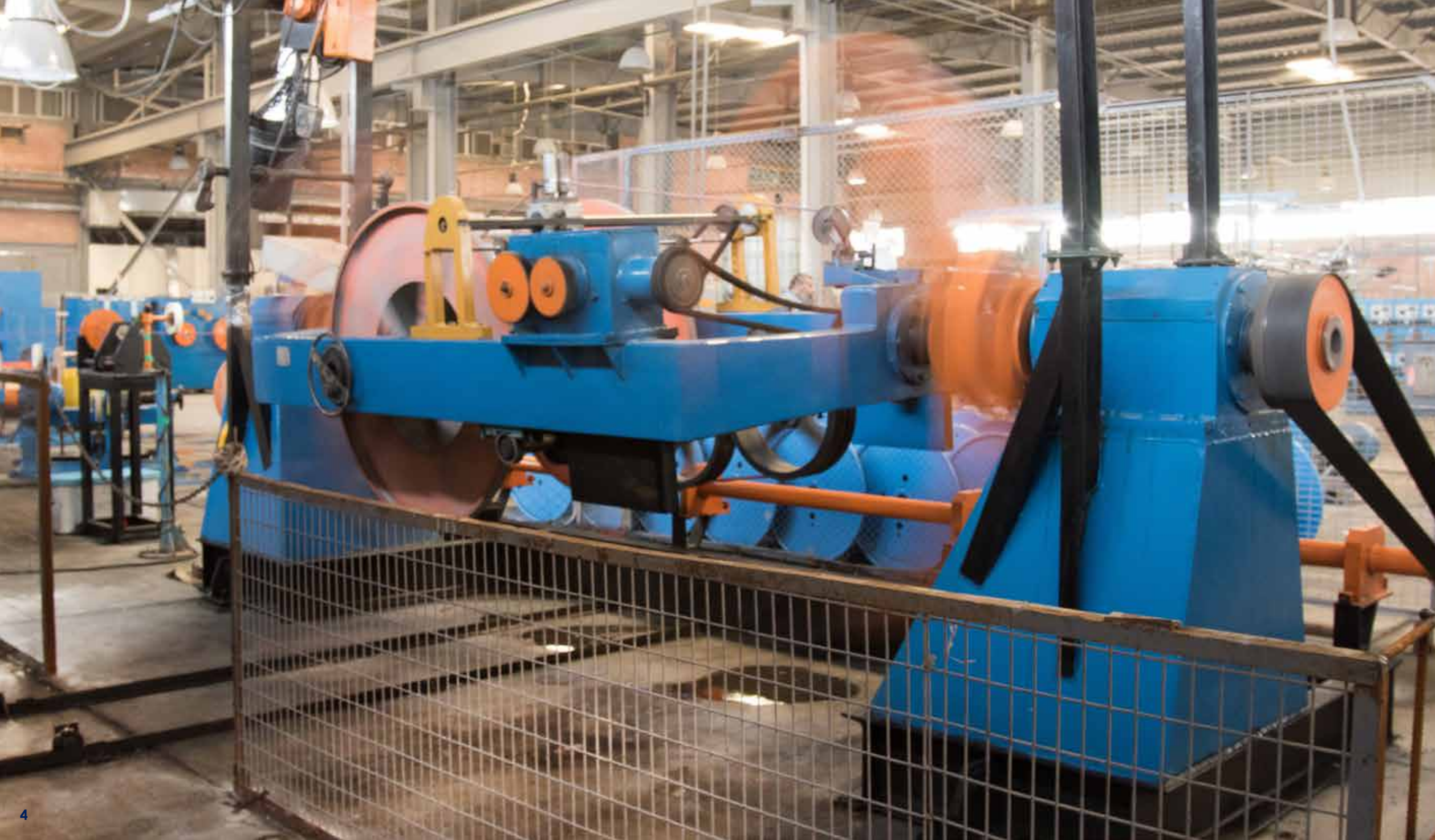
In 2002, INCOM Egypt, a subsidiary of INCOM America, Inc., was established in the Free Zone of Alexandria, Egypt. By 2004, we introduced our largest division for electrical wires & cables, followed by our wire harness assemblies division, our power supply cords division, our plug inserts division and our injection molding division.

INCOM Egypt manufactures its products according to the quality guidelines set forth by ISO 9001, OHSAS 18001 and to international standards authorities such as the Underwriters Laboratories (UL), CSA, SASO, IEC, DEKRA and VDE (including customized customer specifications). To ensure our full compliance, INCOM Egypt undergoes the strictest periodic inspection by these external authorities.

The most recent addition to the A.G. Singer & Co. Group of Companies is the development of SACOM INDUSTRIES (INCOM Egypt's sister company) that specializes in PVC Compound, electrical wire insulation, sheathing/jacketing and molding injection.

INCOM Egypt & SACOM INDUSTRIES provide a wide range of products including electrical wires and cables, electrical conductors, electrical harnesses, power supply cords, plug inserts, PVC Compound and plastic spools & custom plastics projects. Our commitment to excellence and exceptional quality is driven by our continuous desire to follow professional business practices and surpass the highest manufacturing standards and guidelines available.





## Vision & Mission

### Our Vision

We aspire to be a global leader in the market with a complete product range that offers incomparable quality and value.

### Our Mission

To provide outstanding quality and services to our customers at competitive prices, while continually supporting our partners and developing our team through continuous education and application of new technologies.

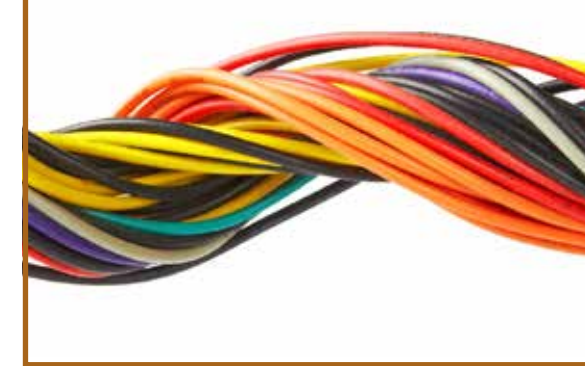






## Product Range

Wires & Cables



Power Supply Cords



Wire Harness Assemblies



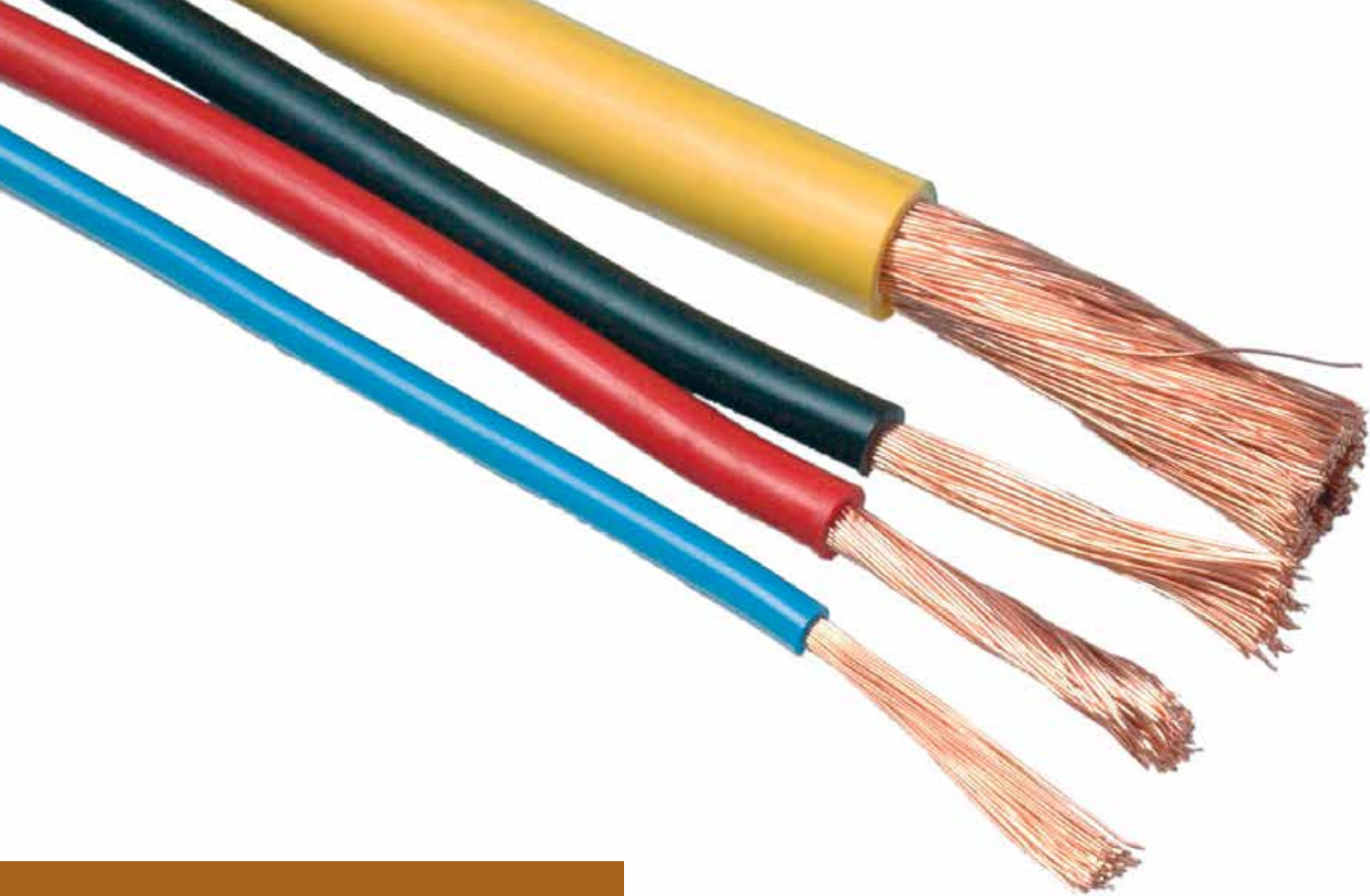
Plug Inserts



PVC Compound







Single-Core

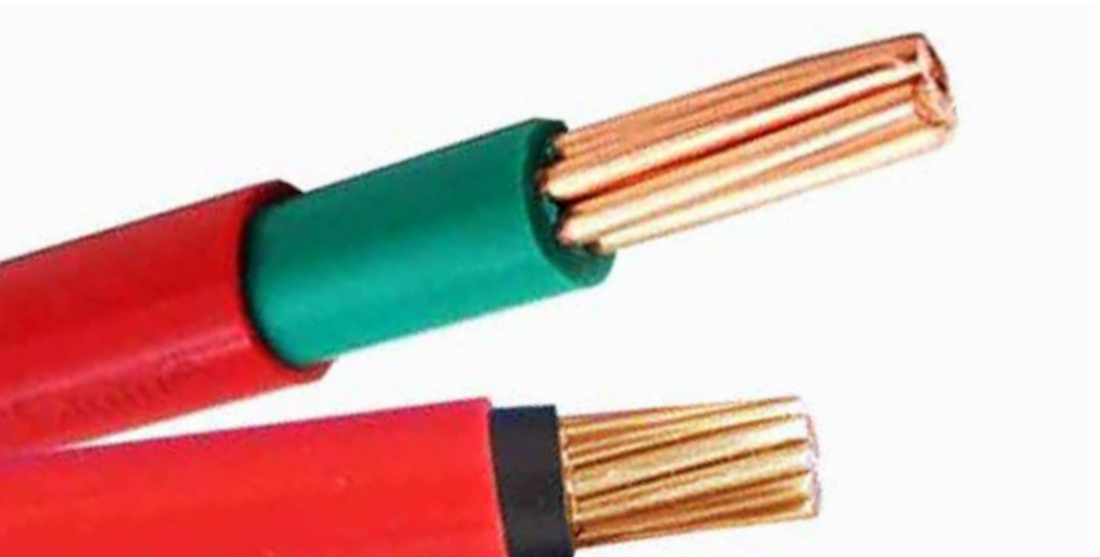
Current Products	Single-Wires UL 758 Standard	UL Listed Wires	Single Core
		Styles	UL 1015 & UL 1028, UL1007, UL1008, UL1011, UL1012, UL1029
		Sizes	22 AWG – 6 AWG
		PVC Temp	60°C, 70°C, 80°C, 90°C, 105°C
		Applications	Appliances Wiring Material Automotive Wiring Lighting Wiring



Current Products	Single-Core Cables With Copper Conductors & PVC Insulation (70°C & 90°C)		TYPE	Size Range	Rated Voltage
			Solid Wire	0.5 mm² up to 1 mm²	300/500V
				1.5 mm² up 2.5 mm²	450/750V
			Stranded Wired	0.5 mm² up to 1 mm²	300/500V
				1.5 mm² up 16 mm²	450/750V
				1.5 mm² up 16 mm²	0.6/1KV
			Flexible Wire	0.5 mm² up to 1 mm²	300/500V
				1.5 mm² up 95 mm²	450/750V
				1.5 mm² up 95 mm²	0.6/1KV

Current Products	Description					
	Soft annealed solid and stranded Copper conductors insulated with PVC compound rated 70°C. according to IEC 60227.					
	Application					
	For internal wiring of appliances, indoor fixed installations, laid in electrical conduit pipe, underneath plaster, as well as in steel support brackets.					
	Service Initial Conditions					
	a) Air Temperature 40 °C			b) Ground Temperature 35°C		
	c) Soil Thermal Resistivity 1.2 °C.m/W			d) Burial Depth 500mm		
	Nominal CSA (mm²)	Max. Conductor Resistance (Ω/Km)		Current Rating In Air (A)		Approximate Overall Diameter (mm)
		DC at 20°C	AC at 70°C	Free	In Pipes	
	300 / 500 V Cables					
	0.5 re	36	45	2	2	2
	0.75 re	24.5	30.77	10	7	2.2
	1.00 re	18.1	22.73	13	10	2.5
	450 / 750 V Cables					
	1.5 rm	12.1000	14.600	17	13	3.0
	2 re	9.1500	10.900	19	15	3.2
	2 rm	9.1500	10.900	19	15	3.4
	2.5 re	7.4100	8.890	19	15	3.4
	2.5 rm	7.4100	8.890	24	19	3.6
	3 re	6.1000	7.410	27	21	3.6
	3 rm	6.1000	7.410	27	21	3.8
	4 re	4.6100	5.510	32	23	3.9
	4 rm	4.6100	5.510	32	23	4.2
	6 re	3.0800	3.680	40	29	4.4
	6 rm	3.0800	3.680	40	29	4.7
	10 rm	1.8300	2.170	57	41	6.1
	16 rm	1.1500	1.370	76	54	7.1
	25 rm	0.7270	0.860	103	70	8.8
	35 rm	0.5240	0.630	128	87	9.9
	50 rm	0.3870	0.460	156	106	11.8
	70 rm	0.2680	0.320	200	131	13.5
	95 rm	0.1930	0.230	251	166	15.7
	The stated data is approximate and subject to manufacturing tolerance. RE: Round Solid RM: Round Stranded					

Single-Core Cables  
with Solid or Stranded Copper Conductors and PVC Insulation

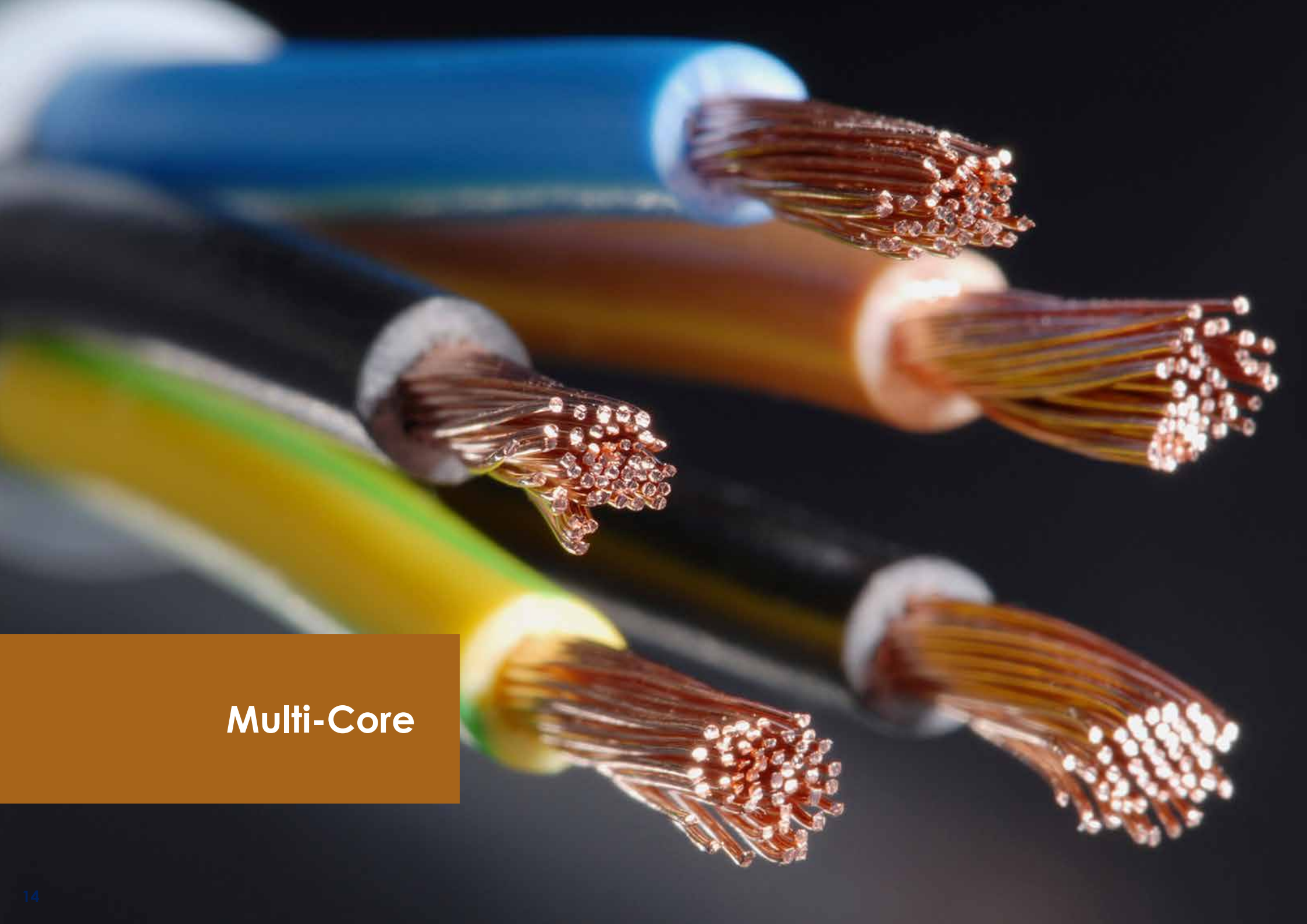
Current Products	Description						
	Soft annealed Copper fine wires, bunched together which forms the flexible conductor. Insulated with soft PVC 70°C according to IEC 60227.						
	Application						
	For indoor fixed installations in dry locations, electricalpanels connection for electrical apparatus they can be laid						
	Service Initial Conditions						
	a) Air Temperature40 °C			b) Ground Temperature35°C			
	c) Soil Thermal Resistivity1.2 °C.m/W			d) Burial Depth500mm			
	Nominal CSA (mm²)	Maximum Diameters of Wires (mm)	Max Conductor Resistance (Ω/Km)		Current Rating In Air (A)		Approximate Overall Diameter (mm)
			DC at 20°C	AC at 70°C	Free	In Pipes	
	Rated Voltage 300 / 500 V Cables						
	0.50	0.21	29.0	46.7	2	2	2.3
	0.75	0.21	26.0	31.6	10	7	2.5
	1.00	0.21	19.5	23.4	13	10	2.7
	Rated Voltage 450 / 750 V Cables						
	1.5	0.26	13.3000	15.950	17	13	3.0
	2.5	0.26	7.9800	9.560	24	19	3.7
	4	0.31	4.9500	5.930	32	23	4.5
	6	0.31	3.3000	3.950	40	29	5.1
	10	0.41	1.9100	2.290	57	41	6.9
	16	0.41	1.2100	1.450	76	54	7.6
	25	0.41	0.7800	0.940	103	70	9.5
	35	0.41	0.5540	0.663	128	87	11.0
	50	0.41	0.3860	0.462	156	106	12.6
	70	0.51	0.2720	0.326	200	131	14.6
	95	0.51	0.2060	0.247	251	166	16.8
	The stated data is approximate and subject to manufacturing tolerance.						



Current Products	Single-Core Cables With Aluminum Conductors IEC Standards	Single-Core Cables With Aluminum Conductors	Description
			Single Core Cables, With Stranded Circular Aluminum Conductors, PVC Insulated and PVC Sheathed
			Single Core Cables, With Stranded Circular Aluminum Conductors, XLPE Insulated and PVC Sheathed

Current Products	Single-Core Cables With Copper Conductors IEC Standards	Single-Core Cables With Copper Conductors	Description
			Single Core Cables With Flexible Copper Conductors and PVC Insulated (450/750 V)
			Single Core Cables With Solid or Stranded Copper Conductors and PVC Insulated (450/750 V)
			Single Core Cables, With Stranded Circular Copper Conductors, PVC Insulated and PVC Sheathed 0.6 - 1.2 KV
			Single Core Cables, With Stranded Circular Copper Conductors, XLPE Insulated and PVC Sheathed 0.6 - 1.2 KV





Multi-Core


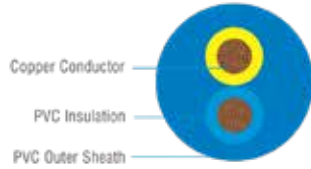
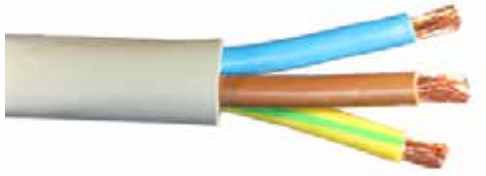
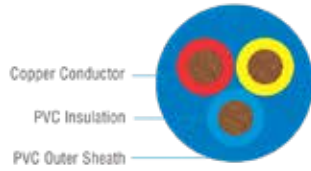

Current Products	Multi-Core Cables With Stranded & Flexible Copper Conductors, PVC Insulated & Sheathed	Type	Size Range	Temp.	Rated Voltage
		Flexible	2 x 0.5 mm² up to 3 x1 mm²	70°C, 90°C	300/500V
			2 x 1.5 mm² up 4 x 35 mm²	70°C, 90°C	0.6/1KV
		Stranded	2 x 1.5 mm² up 4 x 16 mm²	70°C, 90°C	0.6/1KV

Current Products	Multi-Core Flexible Cords UL 62 Standard 300V	Cord Type	SJT, SJTO, SJTOO, SJTOW, SJO, SJOO, SJOW SJOOW, SJE, SJEO, SJEOO, SJEW, SJEOW, SJEOOW, SVT, SPE-1, SPE-2, SPE-3, SPT-1, SPT-2, SPT-3		
		Sizes	18 AWG – 12 AWG		
		Temp	60°C, 75°C, 90°C, 105°C		
		Voltage	300V		
		Applications	Small Home Appliances		

Current Products	Multi-Core Flexible Cords UL 62 Standard 600V	Cord Type	ST, STO, STOO, STW, STOW, STOOW		
		Sizes	14 AWG – 10 AWG		
		Temp	60°C, 75°C, 90°C, 105°C		
		Voltage	600V		
		Applications	Large Home Appliances		
















Current Products	Description						
	Soft annealed Copper fine wires, bunched together which forms the flexible conductor. The conductors are insulated and sheathed with PVC compound rated 70°C with rated voltage of 0.6-1K.V., according to IEC 60227.						
	Application						
	For indoor fixed installations in dry locations, electricalpanels connection for electrical apparatus they can be laid						
	Service Initial Conditions						
	a) Air Temperature						

Current Products	Multi-Core Cables Of Stranded Copper Conductors with PVC Insulation	Technical Information			
		Type: Cu/PVC/PVC Standard: IEC 60502-1 Rated Voltage: 0.6/1 KV Conductor: Stranded Copper Insulation: PVC 70°C Sheathing: PVC 70°C			
		Description			
		Multicore cables of stranded Copper conductors are insulated with PVC compound, assembled together sheathed with overall jacket of PVC compound according to IEC 60502.			
		Service Initial Conditions			
		a) Air Temperature                      40 °C		b) Ground Temperature                      35°C	
		c) Soil Thermal Resistivity              1.2 °C.m/W		d) Burial Depth                      500mm	
		Two Core Cables			
					
		Three Core Cables			
					
		Four Core Cables			
					
		The stated data is approximate and subject to manufacturing tolerance.			



Current Products	Multi-Core Cables Of Stranded Copper Conductors with PVC Insulation	Nominal CSA (mm²)	Maximum Diameters of Wires (mm)	Max Conductor Resistance (Ω/Km)		Current Rating In Air (A)		Approximate Overall Diameter (mm)
				DC at 20°C	AC at 70°C	Lain In Free Air	Lain In Conduits	
		Two Core Cables						
		1.5	12.1000	14.600	24	19	20	10.1
		2.5	7.4100	8.870	30	25	28	10.9
		4	4.6100	5.540	40	32	39	12.9
		6	3.0800	3.690	50	40	50	13.9
		10	1.8300	2.190	65	55	66	15.8
		16	1.500	1.390	85	65	88	17.9
		25	0.7270	0.870	110	85	116	21.3
		35	0.5240	0.628	130	105	143	23.5
		Three Core Cables						
		2.5	7.4100	8.870	27	23	22	11.5
		4	4.6100	5.540	35	30	31	13.6
		6	3.0800	3.690	45	36	39	14.7
		10	1.8300	2.190	60	48	53	16.9
		16	1.1500	1.390	75	60	72	19.0
		25	0.7270	0.870	100	80	94	22.7
		35	0.5240	0.628	120	95	110	25.1
		Four Core Cables						
		2.5	7.4100	8.870	27	23	22	12.4
		4	4.6100	5.540	35	30	31	14.8
		6	3.0800	3.690	45	36	39	16.0
		10	1.8300	2.190	60	48	53	18.5
		16	1.1500	1.390	75	60	72	20.9
		25	0.7270	0.870	100	80	94	25.0
		35	0.524	0.628	120	95	110	28
The stated data is approximate and subject to manufacturing tolerance.								

Current Products	Multi-Core Cables With Aluminum Conductors IEC Standards		Multicore Cables, With Stranded Aluminum Conductors, PVC Insulated and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Aluminum Conductors, PVC Insulated, Steel Tape Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Aluminum Conductors, PVC Insulated, Steel Wire Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Aluminum Conductors, XLPE Insulated, Steel Tape Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded, Aluminum Conductors, XLPE Insulated and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded, Aluminum Conductors, XLPE Insulated, Steel Wire Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded, Aluminum Conductors, XLPE Insulated, Steel Wire Armored and PVC Sheathed 0.6/1 (1.2) KV
Current Products	Multi-Core Cables With Copper Conductors: IEC Standards		Multicore Cables, With Stranded Copper Conductors PVC Insulated and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Copper Conductors, PVC Insulated, Steel Tape Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Copper Conductors, PVC Insulated, Steel Wire Armored And PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Copper Conductors, XLPE Insulated, Steel Tape Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded Copper Conductors, XLPE Insulated, Steel Wire Armored and PVC Sheathed 0.6/1 (1.2) KV
			Multicore Cables, With Stranded, Copper Conductors, XLPE Insulated and PVC Sheathed 0.6/1 (1.2) KV



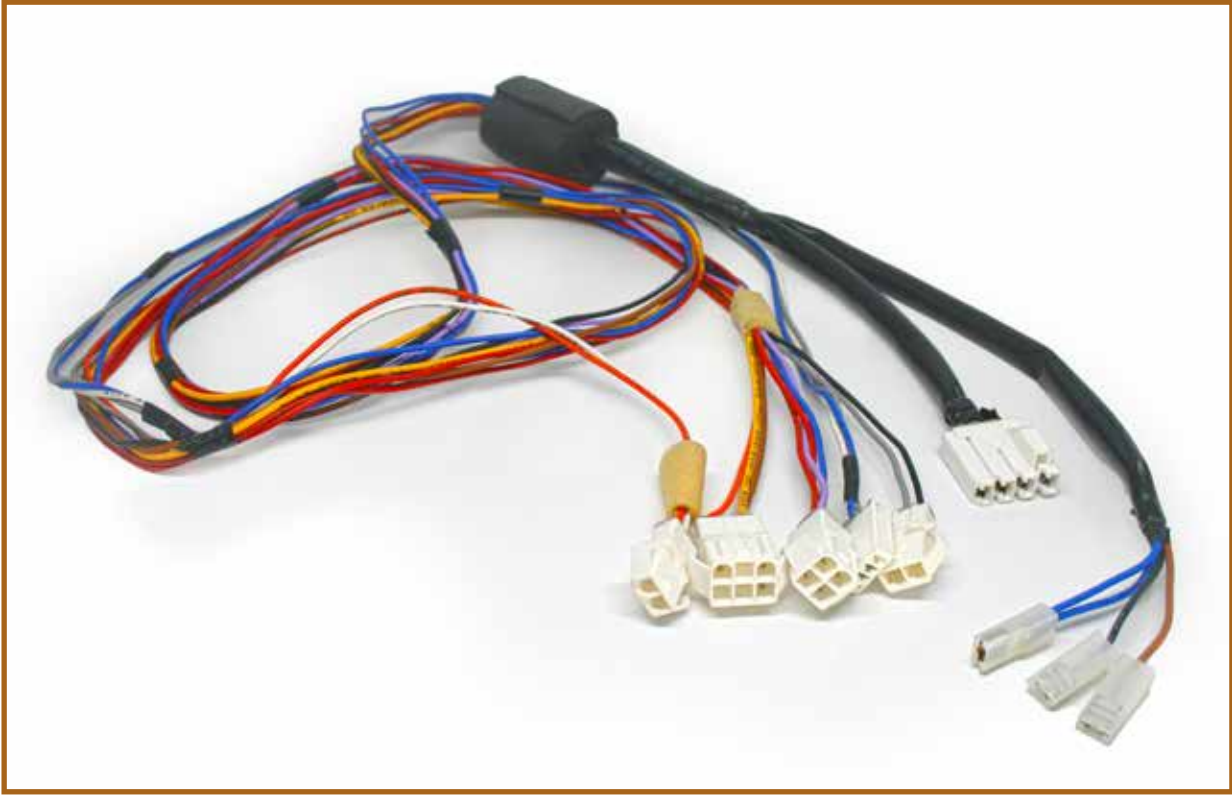


Current Products	Power Supply Cords	French	2-Pin with Earthing or without, Pin D= 4.0mm or 4.8mm
		UK	3-Pin with Earthing
		USA	NEMA 2 or 3 Pin American Plug
		Cable Types	Cable types and lengths are made as per the specification of each customer
		Certificates	VDE & DEKRA Certified

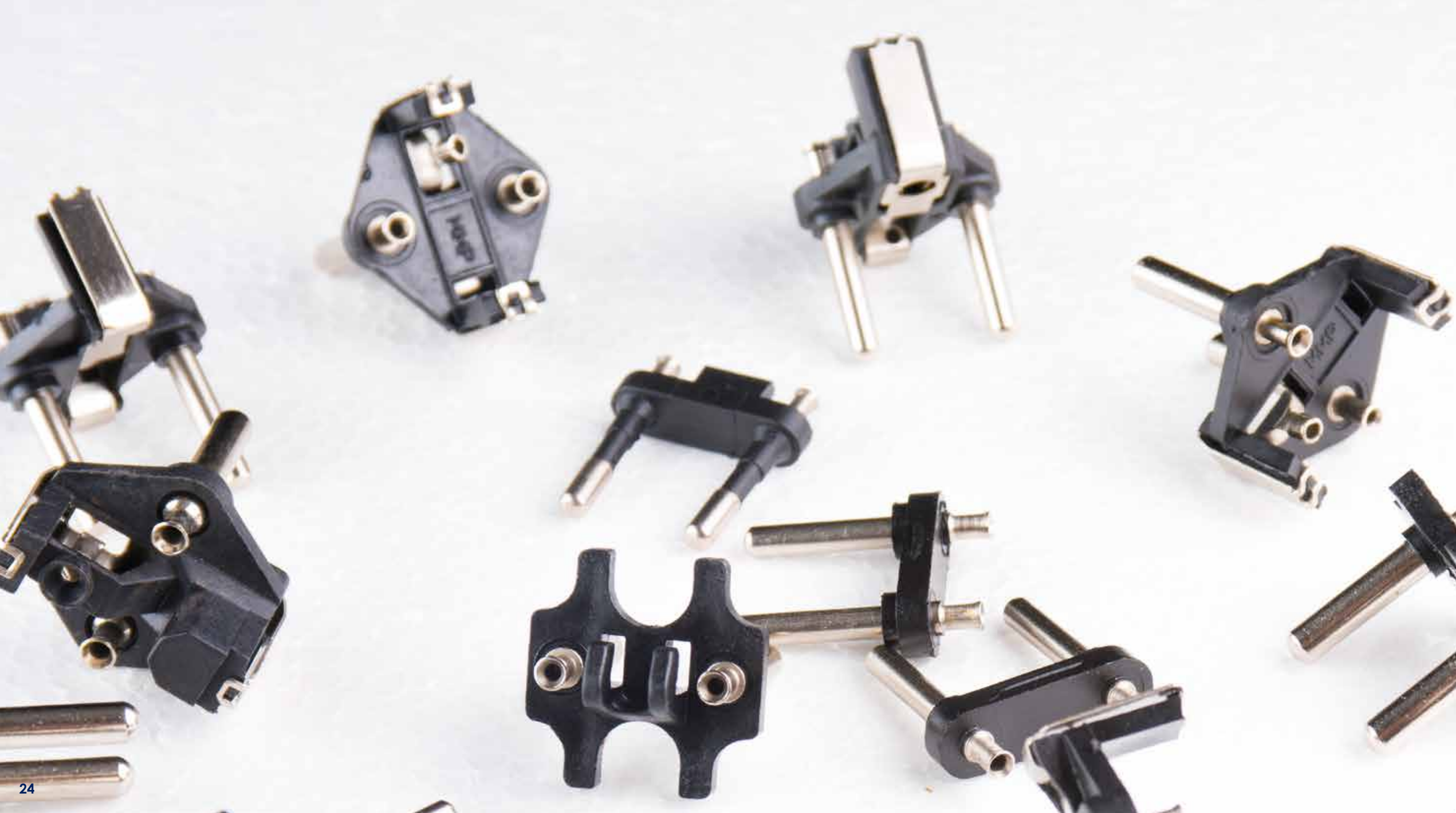




Current Products	Customized Wire Harness Assemblies	Applications	All Home Appliances, Wiring Systems, Lighting Fixtures, Marine Wiring & Air Conditioning System
		Components	UL Listed components VDE Certified Wires







Current Products	Plug Inserts	French	2-Pin, Pin D= 4.0mm and 4.8mm
		Schucko	2-Pin, with Earthing, Pin D= 4.0mm and 4.8mm
		UK	3-Pin, with Earthing







Current Products	PVC Compound	Temp Rating	PVC 70°C, 85°C, 90°C, 105°C, 125°C
		Application	Electrical Wire Insulation, Sheathing/Jacketing and Molding Injection

Current Products	Plastic Molding Projects	Type	Plastic Spools
		Application	For use of wires & cables packing on spools







## Why INCOM Egypt

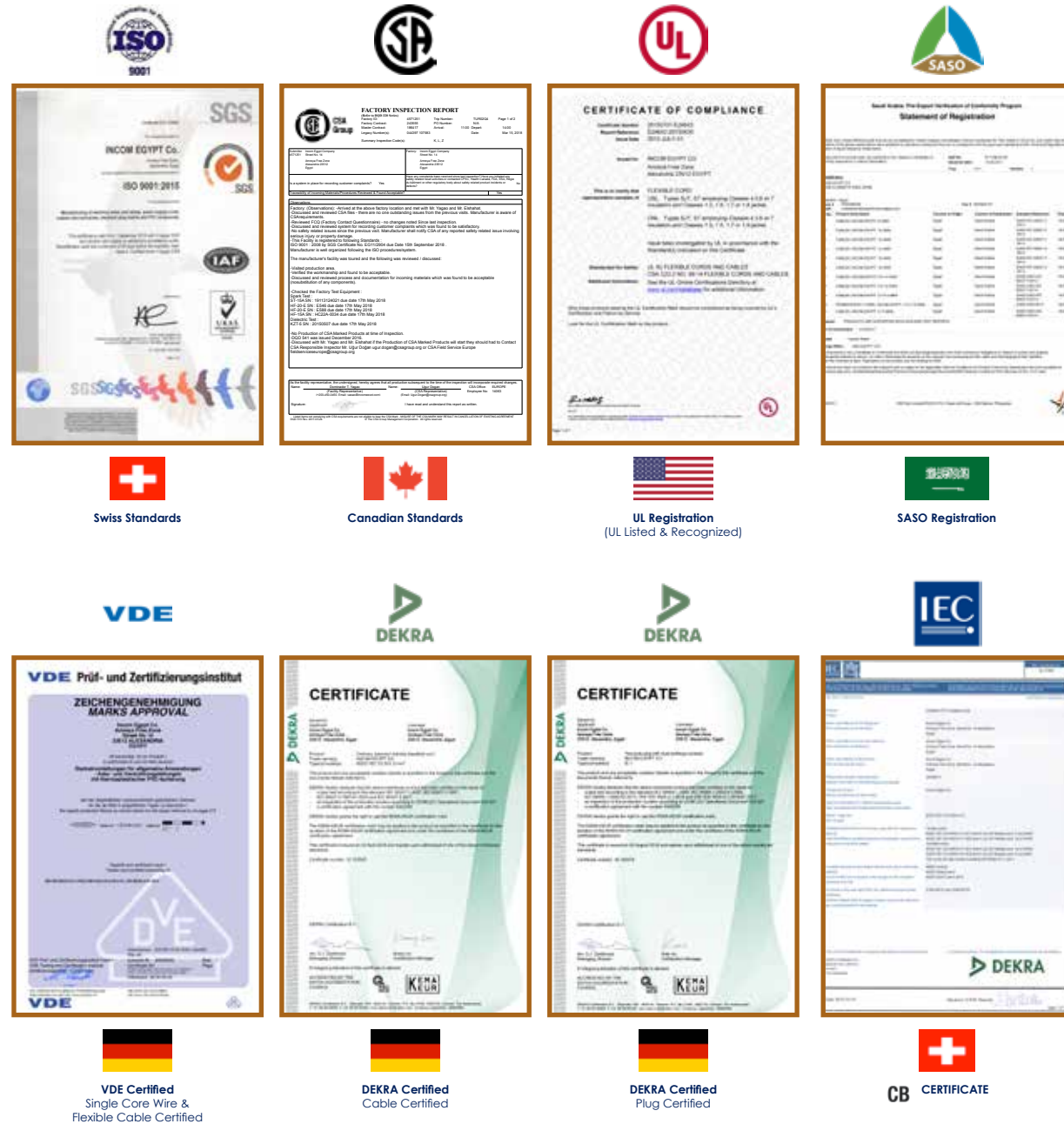
- Highest quality & standards of products in egypt
- Latest manufacturing technology for cables, wire harness assemblies & PVC compound
- Raw material of the highest quality
- Complete customer product customization
- Continuous investments in new machinery
- Products manufactured according to international standards

VDE	DEKRA	UL	SASO	ISO	CB
✓	✓	✓	✓	✓	✓

Achieve Your Sales Targets & Goals With The Highest Quality Possible!!



## Quality Standards & Certificates



## Customers List

- AL-ZAMIL Group
- ALESSA
- AWAL GULF
- Black Horse
- El-Magd
- El-Masria El-Italia
- El- Nour Co.
- Electrolux
- El Giza
- Fresh
- IDACO
- LG

- Miraco Carrier
- SAMCO
- Sunny Egypt
- Toshiba El Araby
- Unionaire
- Universal





**Gulf American Line**

**New York Forwarding Services, Inc.**

**World Trade Venture**

**The Maritime Co. For Navigation USA, Inc.**

**Consolidated Freight Express, LLC**

**World Farms**

**INCOM America, Inc.**

**INCOM Trading**

**INCOM Egypt**

**SACOM INDUSTRIES**





Our holding company, **A.G. SINGER & CO.**, is a global leader in Freight Forwarding & Shipping, International Trade, Transportation, Import/Export, Manufacturing of Electric Power Supplies, PVC Compound and Food Distribution.

**A.G. SINGER & CO.** started with a small list of subsidiary companies that were initially established to support and provide services to one another, and then quickly grew to establish manufacturing facilities in different sectors outside of the freight forwarding & shipping industry.



#### Freight Forwarding & Shipping

- New York Forwarding Services, Inc.
- Gulf American Line
- The Maritime Co. For Navigation USA, Inc.

#### International Trade

- World Trade Venture
- INCOM Trading

#### Transportation

- Consolidated Freight Express, LLC

#### Electric Power Supplies & PVC

- INCOM America, Inc.
- INCOM Egypt
- SACOM INDUSTRIES

#### Food Distributor

- World Farms



**GULF AMERICAN LINE**  
THE LEADER IN FORWARDING, WAREHOUSING & LOGISTICS

### GULF AMERICAN LINE: (GAL)

Gulf American Line is one of the largest NVOCCs (Non-Vessel Operating Common Carrier) to the Middle East, Gulf States and the Mediterranean with many offices and warehouses in most major cities in the United States. In addition, we have expanded our markets to Eastern/Western Europe and Asia and have built a worldwide network of offices and agents. Headquartered in New Jersey, GAL has offices and warehouses/distribution facilities based in New Jersey, Virginia, and North Carolina to manage and support Global Customer Accounts & Requirements.



### NEW YORK FORWARDING SERVICES, INC.: (NYFS)

New York Forwarding Services, Inc. is a freight forwarding company, established over 35 years ago, and handles all of our Import & Export commercial and military AIR shipments. Its headquarters is also in New Jersey, and has offices and warehouses/distribution facilities based in New Jersey, Virginia, and North Carolina.



**World Trade Venture**  
Incorporated

### WORLD TRADE VENTURE, INC.

This is one of the first companies established, in 1979, and is a key service provider to both NYFS and GAL as it handles international Imports / Exports to and from the United States.



### THE MARITIME COMPANY FOR NAVIGATION USA, INC.: (MTCN)

The Maritime Company for Navigation is the designated freight forwarder for Ministries of Defense projects and handles exports and imports (for repair and return) destined to and from the United States and CANADA, whether through Foreign Military Sales Program or commercial suppliers. MTCN has all of the required licenses and clearances in the USA to handle all types of cargo (Hazardous, explosives and classified Material up to level secret).



### CONSOLIDATED FREIGHT EXPRESS, LLC

A company that handles Inbound & Outbound inland transportation throughout the United States and is also a key service provider to NYFS, MTCN and GAL. It owns and operates its fleet of trucks to ensure deliveries to the ports and airports. Also, its drivers are TSA approved to handle classified military freight and TWIC approved to carry cargo requiring special handling to regular container loads across state borders.





### WORLD FARMS

A food and beverage distributor serving export markets from the fertile farms of Egypt. All products are processed under a strict quality control process in accordance with the international quality standards. Our care, commitment and consistency to the finest quality standards has earned us the approval of the FDA, which is known to be one of the strictest food association that is responsible for monitoring and testing all food imports into the USA. When entering new markets, we make sure to thoroughly investigate and implement the necessary regulations and certifications required by each country.



### INCOM AMERICA, INC.

INCOM America was established in 1995 as a manufacturing facility that produces electric power supplies such as wires & cables, electrical conductors, wire harness assembly, power supply cords & plug inserts. It grew to become a key supplier serving both the local and international markets.



### INCOM TRADING

An Egyptian based company that handles Imports / Exports to and from Egypt and is a key service provider to its sister companies based in Egypt.



### INCOM EGYPT

In 2002, INCOM AMERICA expanded its facilities from the United States to Egypt and introduced our largest division for electrical wires, cables and power supplies. INCOM EGYPT, a subsidiary of Incom America Inc. and based in the Amreya Free Zone in Alexandria, Egypt, manufactures according to the highest international standards authorities such as Underwriters Laboratories (UL), CSA, SASO, IEC, BS, DEKRA and VDE (including customized customer specifications).



### SACOM INDUSTRIES

Our latest development is our PVC Factory, SACOM INDUSTRIES, which is also located in the Amreya Free Zone in Alexandria, Egypt. It produces PVC Compound, electrical wire insulation, sheathing/jacketing, molding injection, plastic spools & custom plastics projects.



