

The High Performance Cable Group

This subsector supports the aerospace, defense, industrial, commercial and RF communication markets with highly engineered cable requiring exacting standards. The power of seven companies provide solutions individually or collectively under one umbrella. For innovative and reliable high performance wire and cable, choose a company from The Marmon High Performance Cable Group - "Individual Capabilities, Collective Expertise"



www.rsccaerodefense.com
866.303.9473

RSCC AEROSPACE & DEFENSE

- Manufacturer of high performance wire and cable, specializing in irradiation cross-linked products
- Wide range capability of AWG size, conductor quantity, and materials for unique specialty cable needs
- Low smoke zero halogen singles and cables to NEMA and military shipboard specifications
- Lightweight Space & Aerospace products of cross-linked ETFE and PVDF and next generation materials



www.unithermcc.com
800.633.5015

DEKORON UNITHERM

- Manufacturer of pre-insulated and heat traced tubing for industrial applications
- Use of proprietary insulation material which is four times more efficient than fiberglass
- Ability to cable tubes for improved heat transfer and ease of bending in the field
- The market leader for unique mercury CEMS sample line designs



www.cableusa.cc
239.643.6400

CABLE USA

- Manufacturer of high performance wire and cable serving industrial, military, transit, sensor and utility markets
- Fine Wire manufacturer extruding high performance compounds onto wire as small as 40 AWG
- Custom engineered composite cables, multi-conductor cables, coil cords, ruggedized data cables and more
- In-house engineering with an OEM focus providing made-to-spec and custom cable solutions



www.tewire.com
888.483.9473

TE WIRE & CABLE

- Manufacturer of thermocouple wire, thermocouple extension cable, copper instrumentation and control cable.
- Extruded, taped, and braided insulations from -400F to +2400F for OEM /Industrial, Metals Heat Treat, and Aerospace Composite markets.
- High temp cable assemblies, patent pending GAS-BLOCK cables, and abrasion tough braided wire for heat treat
- Patented pre-made AccuClave® no-leak composite autoclave thermocouples to meet aerospace requirements



Harbour
INDUSTRIES
High Performance Wire & Cable

www.harbourind.com
802.985.3311 | 450.293.5304

HARBOUR INDUSTRIES

- Manufacturer of high performance wire and cable used in aerospace, military and commercial markets
- Unique RF Microwave Coax and Aerospace IFE In-flight Entertainment and High Speed Data Cables
- Wide range of manufacturing processes with large scale production operation
- Market leader in PTFE and ETFE wire & cable and MIL-DTL-17 Coax

HARBOUR CANADA

- Manufacturer of high performance wire and cable used in industrial, military, appliance, oil and gas, and commercial markets
- Focus on high temperature up to 550°C and high voltage designs ranging from 300V to 50KVDC
- Wide range of manufacturing processes with large scale production operation
- Innovative cable designs include Hartrex, Duro200, HBR250 and HBR300



www.comtrancorp.com
508.399.7004

COMTRAN

- Manufacturer of high performance copper data cables used in commercial building and specialty markets
- The market leader in rugged high transmission speed data cables for harsh environments.
- Two hour fire-rated circuit integrity cables offered for use in firefighting and evacuation applications
- A wide range of SAFE (Security, Access Control, Fire Alarm, Electronics) cable are available



Marmon High Performance Cable Group
A Berkshire Hathaway Company

HIGH PERFORMANCE CABLE GROUP



PRODUCT MATRIX

The definitive guide to high performance wire and cable



THE MARMON GROUP
AT-A-GLANCE

The Marmon Group, part of Berkshire Hathaway Inc., is a global, diversified industrial organization consisting of 14 diverse, stand-alone business sectors, and more than 175 independent manufacturing and service businesses. The Engineered Wire & Cable Sector consisting of 14 companies produces electrical and electronic wire and cable for energy-related markets as well as transit, aerospace, defense, communications and other industrial applications.

CABLE USA	HARBOUR INDUSTRIES	HARBOUR CANADA	RSCC AEROSPACE & DEFENSE	COMTRAN	TE WIRE & CABLE	DEKORON UNITHERM
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MILITARY AND AEROSPACE WIRE & CABLE

A broad range of insulated wire and cable featuring high performance and high temperature insulations such as PTFE, FEP, ETFE, PFA, cross-linked PTFE, cross-linked ETFE, cross-linked PVDF, cross-linked PE, silicone, silicone-glass, and PVC/nylon.	M1553 Databus		+		+	
	M16878 NEMA HP3/HP4	+	+	+		
	M22759 PTFE Wire		+			
	M22759 ETFE Wire	+	+	+		
	M22759 XLETFE cross-linked wire				+	
	M27072 PTFE cable		+			
	M27500 PTFE cable		+			
	M27500 ETFE cable	+	+			
	M27500 Cable cross-linked ETFE				+	
	M27500 Cable with M81044 PVDF wire				+	
	M5086 PVC/nylon wire				+	
	M55021 Cable with HP components		+		+	
	M81044 cross-linked PVDF wire				+	
	M8777 (MS25471, MS27110) silicone glass				+	
NEMA HP5 cross-linked PE				+		
Flexible Power Cable (HTXE/HTNR)				+		

MILITARY SHIPBOARD WIRE & CABLE

Military specifications and specials built to meet the US Navy requirements for Low Smoke, Low Toxicity, Zero Halogen and fire resistant cables.	M24640 Low smoke light weight				+	
	M24643 Low Smoke Zero Halogen Cable				+	+
	EMP/EMI Hardened Cable (Surprenant EMZ®)				+	
	MIL-DTL-17 Low Smoke Coax				+	

LOW SMOKE ZERO HALOGEN CABLE

Lightweight, small diameter, high temperature constructions provide outstanding performance in high density cabling and harnessing applications within airframe, avionics, military vehicle, shipboard, missile and other electronic environments.	NEMA HP8 cross-linked PE				+	
	AD1044ZH version of M81044				+	
	NEMA HP6 silicone	+		+	+	
	LSZH cross-linked coax	+			+	
	LSZH multiconductor cable	+			+	+
	LSZH Extension and Instrumentation cable	+				+

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HIGH PERFORMANCE CABLE GROUP | **PRODUCT MATRIX**

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RF COAXIAL CABLES

High performance RF Microwave coax and high temperature QPL approved MIL-DTL-17 coax are available for a wide range of applications such as Aerospace, Radio Communications, RF Transmission Lines, and Antenna Distribution Systems.	LL Low Loss	+	+			
	MIL-DTL-17 coax		+			
	SS Spiral Strip coax		+			
	SB Strip Braid coax		+			
	SBF Strip Braid Flex coax		+			
	HS High Strength coax	+	+			
	TRX triax		+			
	MIL-DTL-17 Low Smoke Coax			+		

DATA CABLES

In-Flight Entertainment Systems, Cabin Management, Satellite Communication Systems, and High Speed Data Transmission. Databus, Premise, Ruggedized Cables, and Specialty Data Cables for Rail Transit, Oil and Gas, Power Generation, Military, and Shipboard markets.	Aerospace Ethernet, Quad, and twisted pair		+			
	Composite Cables	+	+		+	+
	Commercial Datacom Cables					+
	Ruggedized Cables	+			+	+
	Databus		+			+
	Rail Transit data cable					+
	Circuit Integrity 2-hour fire rated					+

COMMERCIAL AND INDUSTRIAL WIRE & CABLE

A wide range of high performance and high temperature wire and cables are available for use in appliances, commercial cooking equipment, heater elements, down-hole systems, commercial, critical nuclear and industrial applications.	Silicone Insulated	+		+	+	
	High Temp. Insulated Wire 150°C + 550°C	+	+	+	+	+
	FG2000 PTFE/glass Heat Resistant Cable	+				
	UL and CSA Approved	+	+	+	+	+
	Transit-Trackside/Signal/Communication	+				+
	High Voltage UL			+		

COIL CORDS

Military retractile 600 volt rated constructions exhibit far superior memory than conventional cords and perform with high reliability in harsh environments.	Rugged Coil Cords	+				
	Mil-Spec Coil Cord	+				
	Data Coil Cord	+				

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PRE-INSULATED TUBING & PIPE

Heat traced tubing and pipe for the Oil & Gas, Power and Food and Pharmaceutical industries. Applications include steam and condensate return lines, hot or cold small bore process piping, process analyzer sample lines and continuous emissions monitoring lines for stack gas monitoring.	Pre-insulated Tubing						+
	Pre-insulated Pipe						+
	Jacketed Tubing						+
	Steam Trace Tubing						+
	Steam Trace Pipe						+
	Electric Trace Tubing						+
	Electric Trace Pipe						+
	CEMS sample Lines						+
	Heated Hose Assemblies						+

THERMOCOUPLE WIRE & CABLE

A full range of stock and custom constructions for Metal Heat Treat, Aluminum, OEM, Industrial, Oil Gas, Power Gen, Aerostructure Composites. Application temperatures from -400F to +2400F. Available J, K, N, T, E, R, S, B calibration types and multipair shielded extension cables up to 100 pairs.	High temp braided +700F to +2400F						+
	Taped PTFE, Polyimide -400F to +550F						+
	FEP and PFA -400F to +500F						+
	Multi-pair extension cable						+
	Autoclave assemblies to +500F						+
	Gas-Block instrumentation cable IEC 60079-14						+

CUSTOM & SPECIALTY CABLE

A wide range of Custom and Specialty Cable constructions for land, air, sea, space, commercial and industrial applications are available for demanding applications that include but are not limited to flexibility, extreme temperature, low-smoke zero halogen, custom shielding, custom jacketing, weight savings, composites and water blocking.	Military Communications Cables	+	+	+	+	+	
	EMI Resistant Cables	+	+		+	+	
	Space Cables cross-linked insulation				+		
	Down Oil ESP Wire & Cable			+			
	Nuclear Grade Cable			+		+	
	Custom and Specialty Composite Cables	+	+	+	+		
	Fiber Optic and Hybrid copper/fiber cable				+		
	Fine Wires 26 - 40 awg up to 100 conductors	+					+
	Medical Cables	+					
	High Flex Wires	+				+	
	MIS Cables	+			+		
	Sensor Cables	+	+				+
	UL Instrumentation and Control Cable	+	+	+	+	+	+
	Gas Turbine Instrumentation Cable	+		+			+
	RTD sensor lead wire	+					+
	High Temp Connectorized Assemblies						+
M81822 wire wrap		+		+		+	
EMP protection cables and solutions				+			

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