CABLES & CONNECTORS

IMI SENSORS
A PCB DIVISION

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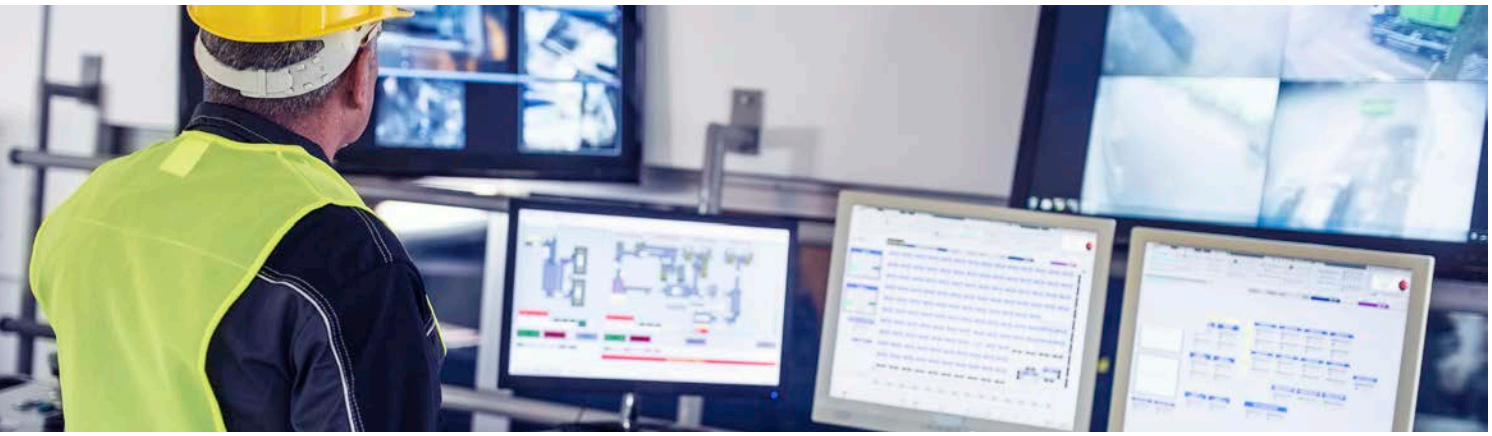
Built for the Harshest Industrial Conditions

In vibration monitoring systems, cables are often the first point of failure. That's why IMI cable assemblies are engineered to perform in demanding industrial environments—delivering reliable signal transmission for predictive maintenance, process monitoring, and power generation applications. IMI cables are available in bulk spools or pre-assembled configurations and have proven to stand up to any industrial condition monitoring challenge.

Application Challenge	Proven IMI Cable Solution
High-Temperature Environments	Models rated to +500 °F (+260 °C) with FEP jackets and PTFE insulation for thermal stability and signal integrity.
Extreme Cold	Cables with low-temperature flexibility and non-cracking jackets perform reliably down to -320 °F (-196 °C).
Corrosive or Chemical Exposure	Rugged asemblies with FEP/PTFE jackets offer strong resistance to oil, fuel, solvents, and acids.
Radiation Exposure (Nuclear)	Select models use radiation-resistant materials like PTFE insulation and shielded pairs for stable long-term performance.
Abrasion & Mechanical Damage	Durable braid-reinforced polyurethane jackets and armored options provide enhanced protection in high-traffic areas.
Moisture or Washdown Conditions	Sealed jacket designs and IP-rated molded boots help prevent ingress and maintain signal integrity.
Space-Constrained Installations	Slim-profile and flexible multiconductor cables simplify routing in tight control cabinets and conduit runs.
Sensor Compatibility & Integration	Assemblies are matched to IMI sensors and available with pre-installed MIL-C-5015, BNC, and M12 connectors for plug-and-play integration.

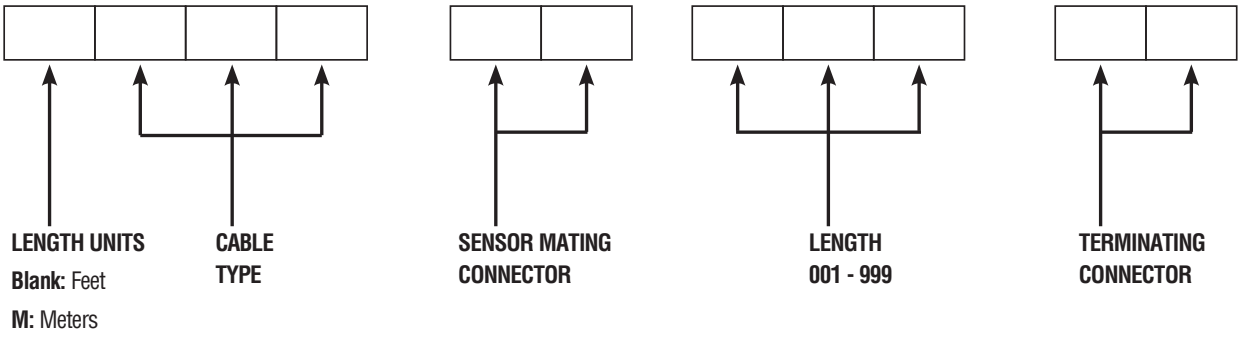


Cable Assembly Made Easy

Each IMI cable assembly model number is a quick way to capture the exact construction, materials, and features the application demands. Understanding how our cable model numbers are structured allows reliability engineers to quickly identify a configuration that meets their application requirements.

Constructing a Model Number for a Cable Assembly

1. Determine whether the cable should be measured in feet or meters.
2. Choose cable type. (Cable types are listed on pages 6-29).
3. Choose the sensor mating connector. (Connectors are listed on pages 30-47).
4. Determine cable length requirement.
5. Choose the terminating connector. (Connectors are listed on pages 30-47).



CABLE AND CONNECTOR REFERENCE TABLES

CABLE REFERENCE TABLE								
Cable Model	**Cable Style**	**Cable Style**	**Conductor Number**	**Jacket Color/Material**	**Cable Diameter**	**Min Temp**	**Max Temp**	**Unique Features**
042	Multi-Conductor	Straight	2	Black Polyurethane	0.16 in 4.06 mm	-65 ˚F -54 ˚C	+250 ˚F +121 ˚C	
043	Multi-Conductor	Straight	4	Black Polyurethane	0.41 in 10.41 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	Armored
044	Multi-Conductor	Coiled	2	Black Polyurethane	0.17 in 4.32 mm	-76 ˚F -60 ˚C	+176 ˚F +80 ˚C	
045	Multi-Conductor	Straight	2	Red PFA	0.20 in 5.18 mm	-130 ˚F -90 ˚C	+500 ˚F +260 ˚C	Low Noise
046	Multi-Conductor	Straight	32, Drain	Black PVC	0.70 in 17.80 mm	-40 ˚F -40 ˚C	+221 ˚F +105 ˚C	
047	Multi-Conductor	Straight	2, Drain	Black Polyurethane	0.41 in 10.41 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	Armored
048	Multi-Conductor	Straight	2, Drain	Red PTFE	0.27 in 6.80 mm	-320 ˚F -196 ˚C	+392 ˚F +200 ˚C	Armored
049	Multi-Conductor	Straight	24, Drain	Black PVC	0.61 in 15.50 mm	-40 ˚F -40 ˚C	+221 ˚F +105 ˚C	
050	Multi-Conductor	Coiled	2	Black TPE	0.21 in 5.33 mm	-22 ˚F -30 ˚C	+176 ˚F +80 ˚C	
052	Multi-Conductor	Straight	2, Drain	Black Polyurethane	0.25 in 6.35 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
053	Multi-Conductor	Straight	2, Drain	Red PFA	0.15 in 3.91 mm	-320 ˚F -196 ˚C	+392 ˚F +200 ˚C	
055	Multi-Conductor	Straight	2	Orange PFA	0.19 in 4.83 mm	-85 ˚F -65 ˚C	+392 ˚F +200 ˚C	
056	Multi-Conductor	Straight	3	Orange PFA	0.19 in 4.83 mm	-85 ˚F -65 ˚C	+392 ˚F +200 ˚C	
057	Multi-Conductor	Straight	4	Orange PFA	0.19 in 4.83 mm	-85 ˚F -65 ˚C	+392 ˚F +200 ˚C	
058	Multi-Conductor	Coiled	2	Black Polyurethane	0.25 in 6.35 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
059	Multi-Conductor	Straight	4	Black Polyurethane	0.25 in 6.35 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
067	Multi-Conductor	Straight	2	Black Polyurethane	0.27 in 6.81 mm	-65 ˚F -54 ˚C	+250 ˚F +121 ˚C	Armored
097	Multi-Conductor	Straight	4	Black Polyurethane	0.17 in 4.32 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
501	Multi-Conductor	Coiled	4	Black Polyurethane	0.25 in 6.35 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
505	Multi-Conductor	Straight	2, Drain	Blue Polyurethane	0.25 in 6.35 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
508	Multi-Conductor	Straight	2, Drain	Black Polyurethane	0.19 in 4.83 mm	-58 ˚F -50 ˚C	+250 ˚F +121 ˚C	
518	Multi-Conductor	Straight	4, Drain	Black Polyurethane	0.25 in 6.35 mm	-58 °F -50 °C	+250 °F +121 °C	4-Conductor Cable with Drain Wire
519	Multi-Conductor	Straight	2, Drain	Red FEP	0.119 in 3.02 mm	-90 °F -70 °C	+392 °F +200 °C	304 Stainless Steel Overbraid
520	Multi-Conductor	Straight	4, Drain	Black Polyurethane	0.25 in 6.35 mm	-58 °F -50 °C	+250 °F +121 °C	4-Conductor Cable with Drain Wire Color Coded Blue to Denote Intrinsically Safe Applications
522	Multi-Conductor	Straight	6, Drain	Black Polyurethane	0.25 in 6.4 mm	-58 °F -50 °C	+250 °F +121 °C	

CONNECTOR REFERENCE TABLE

Connector Model	Connector Style	Number of Pins/ Sockets	Coupling Method	Strain Relief	Min Temp	Max Temp	Field-Installable
AB	BNC	1 Socket	Bayonet	Molded Boot	-85 ˚F -65 ˚C	+329 ˚F +165 ˚C	No
AC	BNC	1 Pin	Bayonet	Molded Boot	-85 ˚F -65 ˚C	+329 ˚F +165 ˚C	No
AD	Pigtail	N/A	N/A	N/A	N/A	N/A	N/A
AE	MIL-C-5015	2 Socket	Push On	Molded Boot	-67 ˚F -55 ˚C	+325 ˚F +163 ˚C	No
AM	MS3106A MIL-C-501	2 Socket	Threaded	Potted	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	No
AN	MS3116 MIL-C-26482	4 Socket	Bayonet	Clamp	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	Yes
AP	MS3116 MIL-C-26482	2 Socket	Threaded	Clamp	-320 ˚F -196 ˚C	+257 ˚F +125 ˚C	Yes
BP	MS3106 MIL-C-5015	2 Socket	Threaded	Clamp	-320 ˚F -196 ˚C	+325 ˚F +163 ˚C	Yes
BQ	MIL-C-5015	2 Socket	Threaded	Molded Boot	-320 ˚F -196 ˚C	+250 ˚F +121 ˚C	No
BR	MIL-C-5015	2 Socket	Threaded	Molded Boot	-320 ˚F -196 ˚C	+250 ˚F +121 ˚C	No
BS	MS3106 MIL-C-5015	2 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	No
BV	MIL-C-5015	3 Socket	Threaded	Clamp	-67 ˚F -55 ˚C	+250 ˚F +121 ˚C	Yes
BY	Circular	28 Pin	Bayonet	Clamp	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	Yes
BZ	Blunt Cut	N/A	N/A	N/A	N/A	N/A	N/A
CE	MS3101A MIL-C-5015	2 Pin	Threaded	Clamp	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	Yes
CF	MIL-C-5015	2 Socket	Threaded	Clamp	-67 ˚F -55 ˚C	+250 ˚F +121 ˚C	Yes
CS	MS3116 MIL-C-26482	3 Socket	Bayonet	Clamp	-67 ˚F -55 ˚C	257 ˚F 125 ˚C	Yes
CV	D-Sub	25 Pin	Lever Lock	Molded Boot	-67 ˚F -55 ˚C	+221 ˚F +105 ˚C	No
CW	D-Sub	25 Pin	Lever Lock	Molded Boot	-67 ˚F -55 ˚C	+221 ˚F +105 ˚C	No
DP	LEMO	7 Pin	Push Pull	Molded Boot	-67 ˚F -55 ˚C	+392 ˚F +200 ˚C	No
DR	MS3116 MIL-C-26482	4 Socket	Bayonet	Clamp Nut	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	Yes
DS	MS3106 MIL-C-5015	3 Socket	Push On	Molded Boot	-67 ˚F -55 ˚C	+325 ˚F +163 ˚C	No
EC	MIL-C-5015	2 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+325 ˚F +163 ˚C	No
EF	MIL-C-5015	3 Socket	Threaded	Clamp	-67 ˚F -55 ˚C	+250 ˚F +121 ˚C	Yes
ER	MIL-C-5015	2 Socket	Threaded	None	-65 ˚F -55 ˚C	+500 ˚F +260 ˚C	No
FV	MS3106 MIL-C-5015	2 Socket	Threaded	Molded Boot	-65 ˚F -55 ˚C	+325 ˚F +163 ˚C	No
FY	MS3106 MIL-C-5015	3 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+250 ˚F +151 ˚C	No

CONNECTOR REFERENCE TABLE (CONT'D)							
Connector Model	**Connector Style**	**Number of Pins/ Sockets**	**Coupling Method**	**Strain Relief**	**Min Temp**	**Max Temp**	**Field-Installable**
HC	MS3116 MIL-C-26482	4 Socket	Bayonet	Clamp	-67 ˚F -55 ˚C	+257 ˚F +125 ˚C	Yes
HM	Fischer	6 Pin	Push Pull	Clamp	-85 ˚F -65 ˚C	+266 ˚F +130 ˚C	Yes
HX	M12	5 Pin	Threaded	Clamp Nut	-40 ˚F -40 ˚C	+185 ˚F +85 ˚C	No
LG	BNC Double Splice	1 Pin (2)	Bayonet	Molded Boot	-40 ˚F -40 ˚C	+176 ˚F +80 ˚C	No
LQ	MIL-C-5015	2 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+250 ˚F +121 ˚C	No
LU	Breakaway	3 Pin	Snap On	Potted	-40 ˚F -40 ˚C	+176 ˚F +80 ˚C	No
LV	Breakaway	3 Socket	Snap On	Potted	-40 ˚F -40 ˚C	+176 ˚F +80 ˚C	No
LW	Breakaway	5 Pin	Snap On	Potted	-13 ˚F -25 ˚C	+176 ˚F +80 ˚C	No
LX	Breakaway	5 Socket	Snap On	Potted	-13 ˚F -25 ˚C	+176 ˚F +80 ˚C	No
NF	BNC Triple Splice	1 Pin (3)	Bayonet	Molded Boot	-40 ˚F -40 ˚C	+176 ˚F +80 ˚C	No
PA	MIL-C-5015	2 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+356 ˚F +180 ˚C	No
PB	MIL-C-5015	2 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+356 ˚F +180 ˚C	No
PZ	M12	5 Socket	Threaded	Molded Boot	-40 ˚F -40 ˚C	+221 ˚F +105 ˚C	No
QF	MIL-C-5015	3 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+250 ˚F +121 ˚C	No
QH	M12	4 Socket	Threaded	Molded Boot	-40 ˚F -40 ˚C	+221 ˚F +105 ˚C	No
QK	MIL-C-5015	3 Socket	Threaded	Molded Boot	-67 ˚F -55 ˚C	+356 ˚F +180 ˚C	No
QY	7/16-27	2 Socket	Threaded	None	-320 ˚F -196 ˚C	+500 ˚F +260 ˚C	No
SM	M12	5 Pin	Threaded	Molded Boot	-58 °F -50 °C	+221 °F +105 °C	No

CABLES

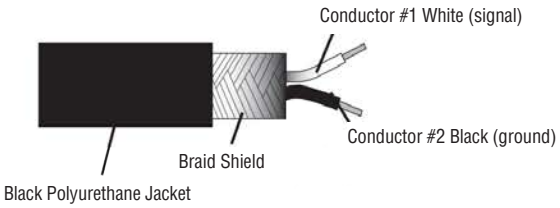
2-CONDUCTOR CABLE WITH BLACK POLYURETHANE JACKET

MODEL 042

Smallest diameter 2-conductor cable available

Smooth jacket for easy pulling through conduit and cable trays

Used as integral cable on Model 607A11



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Straight Multi-Conductor Twisted Shieded Pair
Environmental	
Temperature Range	-65 to +250 °F -54 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	20 pF/ft 66 pF/m
Physical	
Cable Diameter	0.16 in 4.06 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 38 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.02 in 0.51 mm
Insulation Material	FEP
Shield Type	Spiral 95% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Min)	1.60 in 41.00 mm
Weight	0.24 oz/ft 22.50 g/m

CABLES

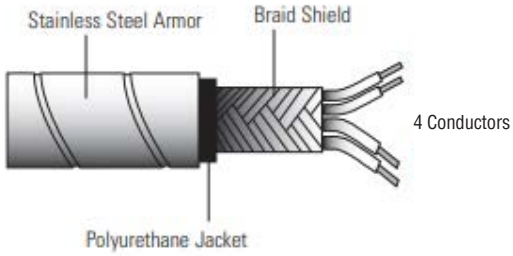
4-CONDUCTOR ARMORED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 043

Armored version of our most popular 4-conductor cable

Ideal for use with biaxial or triaxial ICP® accelerometers and Temperature Output (TO) vibration transmitters

Armor protects cable from being cut or crushed



SPECIFICATIONS	
Performance	
Conductor Number	4
Cable Style	Straight Armored Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Armor Diameter	0.41 in 10.41 mm
Armor Material	Stainless Steel
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	4.10 in 104.14 mm
Weight	1.69 oz/ft 157.15 g/m

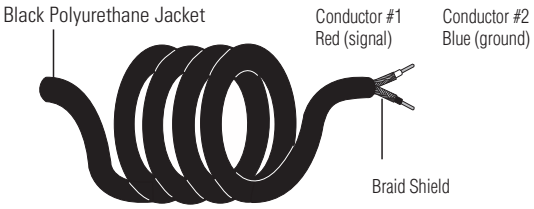
2-CONDUCTOR SMALL DIAMETER COILED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 044

Ideal for use with single-axis ICP® accelerometers in route-based measurements

Stays coiled despite heavy usage

Available in 6, 10, or 15 ft lengths



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Coiled Multi-Conductor Shielded
Environmental	
Temperature Range	-40 to +176 °F -40 to +80 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	40 pF/ft 131 pF/m
Physical	
Cable Diameter	0.17 in 4.57 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 36 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.01 in 0.28 mm
Insulation Material	Polypropylene
Shield Type	Spiral 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	1.70 in 43.20 mm
Weight	0.53 oz/ft 49.28 g/m

CABLES

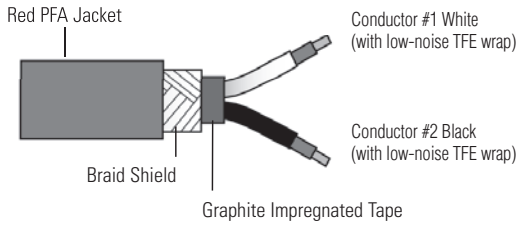
2-CONDUCTOR LOW-NOISE CABLE WITH RED PFA JACKET

MODEL 045

Ideal for use in cooler areas within differential charge model sensor chains

Prevents high impedance signal degradation from noise infiltration

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Straight Low Noise Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-130 to +500 °F -90 to +260 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	35 pF/ft 115 pF/m
Physical	
Cable Diameter	0.20 in 5.18 mm
Jacket Material	PFA
Jacket Color	Red
Conductor Style	Stranded 7 Strands 30 AWG
Conductor Material	Nickel Plated Copper
Conductor Diameter	0.03 in 0.76 mm
Insulation Material	Extruded PTFE
Shield Type	Braid 90% Minimum Coverage
Shield Material	Nickel Plated Copper
Low-Noise Barrier Material (Over Conductor)	Graphite Impregnated PTFE Tape
Low-Noise Barrier Material (Over Insulator)	Graphite Impregnated PTFE Tape
Low-Noise Barrier Material (Over Bundle)	Graphite Impregnated PTFE Tape
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	2.00 in 50.80 mm
Weight	0.43 oz/ft 40.32 g/m

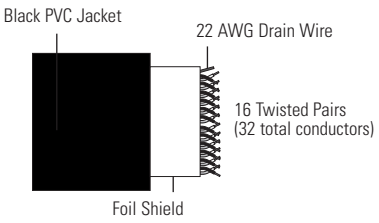
32-CONDUCTOR CABLE WITH BLACK PVC JACKET

MODEL 046

Ideal for use in conjunction with cable reduction boxes to consolidate 16 - 2 conductor cables into one easy-to-manage cable

Space and money saving option for long cable runs into control room

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	32, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-40 to +221 °F -40 to +105 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	32 pF/ft 105 pF/m
Physical	
Cable Diameter	0.70 in 17.80 mm
Jacket Material	PVC
Jacket Color	Black
Conductor Style	Stranded 7 Strands 28 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 0.97 mm
Insulation Material	Polyvinyl Chloride
Shield Type	Foil
Shield Material	Aluminum/Mylar
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	7.00 in 178.00 mm
Weight	4.00 oz/ft 368 g/m

CABLES

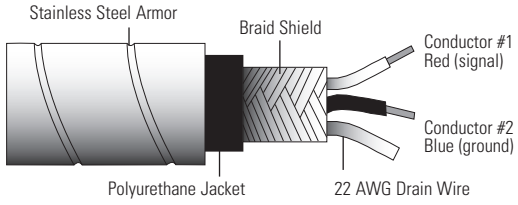
2-CONDUCTOR ARMORED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 047

Armored version of our most popular 2-conductor cable

Armor protects cable from being cut or crushed

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Armored Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	36 pF/ft 118 pF/m
Physical	
Armor Diameter	0.41 in 10.41 mm
Armor Material	Polyurethane
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	4.10 in 104.14 mm
Weight	1.61 oz/ft 149.71 g/m

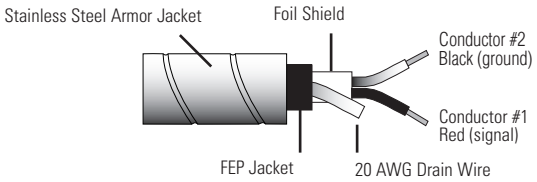
2-CONDUCTOR ARMORED CABLE WITH RED FEP JACKET

MODEL 048

Ideal for use in high temperature or corrosive environments

Armor protects cable from being cut or crushed

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Armored Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-320 to +392 °F -196 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	51 pF/ft 167 pF/m
Physical	
Armor Diameter	0.27 in 6.80 mm
Armor Material	Stainless Steel
Cable Diameter	0.16 in 3.99 mm
Jacket Material	FEP
Jacket Color	Red
Conductor Style	Stranded 19 Strands 30 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Foil
Shield Material	Aluminum/Mylar
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	3.00 in 76.20 mm
Weight	1.21 oz/ft 112.51 g/m

CABLES

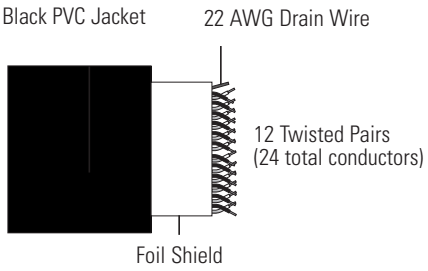
24-CONDUCTOR CABLE WITH BLACK PVC JACKET

MODEL 049

Ideal for use in conjunction with cable reduction boxes to consolidate 12 - 2 conductor cables into one easy-to-manage cable

Space and money saving option for long cable runs into control room

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	24, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-40 to +221 °F -40 to +105 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	32 pF/ft 105 pF/m
Physical	
Cable Diameter	0.61 in 15.5 mm
Jacket Material	PVC
Jacket Color	Black
Conductor Style	Stranded 7 Strands 28 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in .97 mm
Insulation Material	PVC
Shield Type	Foil
Shield Material	Aluminum/Mylar
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	6.00 in 152.40 mm
Weight	3.00 oz/ft 276 g/m

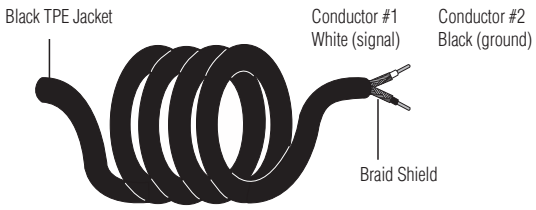
2-CONDUCTOR MID DIAMETER COILED CABLE WITH BLACK TPE JACKET

MODEL 050

Ideal for use with single-axis ICP® accelerometers in route-based measurements

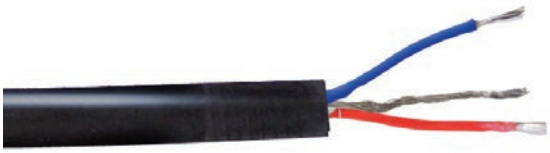
Stays coiled despite heavy usage

Available in 6, 10, or 15 ft lengths



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Coiled Multi-Conductor Shielded Pair
Environmental	
Temperature Range	-22 to +176 °F -30 to +80 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	31 pF/ft 102 pF/m
Physical	
Cable Diameter	0.21 in 5.33 mm
Jacket Material	TPE
Jacket Color	Black
Conductor Style	Stranded 21 Strands 36 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.03 in 0.71 mm
Insulation Material	Polypropylene
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	2.10 in 53.30 mm
Weight	0.25 oz/ft 0.11 kg

CABLES



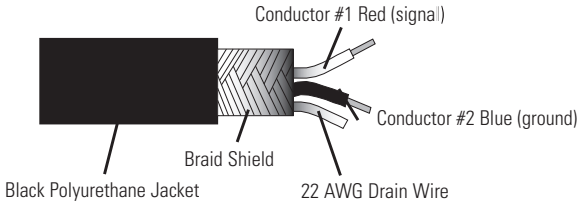
2-CONDUCTOR CABLE WITH BLACK POLYURETHANE JACKET

MODEL 052

Our most popular 2-conductor cable

Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.50 in 63.50 mm
Weight	0.67 oz/ft 61.85 g/m

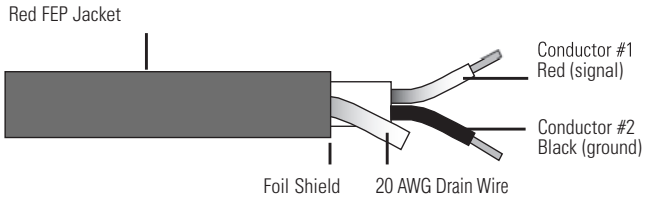
2-CONDUCTOR CABLE WITH RED FEP JACKET

MODEL 053

Most popular FEP jacketed cable

Ideal for use in high temperature
or corrosive environments

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-320 to +392 °F -196 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	51 pF/ft 167 pF/m
Physical	
Cable Diameter	0.15 in 3.91 mm
Jacket Material	FEP
Jacket Color	Red
Conductor Style	Stranded 19 Strands 30 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Foil
Shield Material	Aluminum/Mylar
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.00 in 50.80 mm
Weight	0.35 oz/ft 32.19 g/m

CABLES

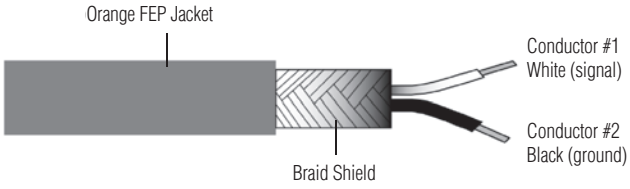
2-CONDUCTOR CABLE WITH ORANGE FEP JACKET

MODEL 055

Largest diameter 2-conductor cable with FEP jacket for extra durability in harsh environments

Ideal for use in high temperature or corrosive environments

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-85 to +392 °F -65 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	27 pF/ft 89 pF/m
Physical	
Cable Diameter	0.19 in 4.83 mm
Jacket Material	FEP
Jacket Color	Orange
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 0.97 mm
Insulation Material	FEP
Shield Type	Braid 85% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	1.90 in 48.30 mm
Weight	0.52 oz/ft 47.97 g/m

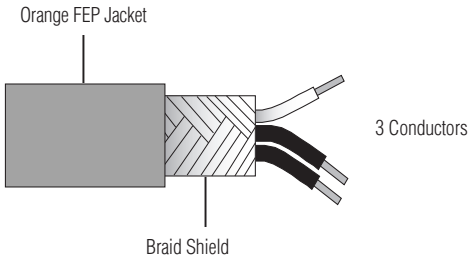
3-CONDUCTOR CABLE WITH ORANGE FEP JACKET

MODEL 056

Ideal for use with biaxial ICP® accelerometers, single axis ICP® accelerometers with Temperature Output (TO), or vibration transmitters with a raw vibration output

Ideal for use in high temperature or corrosive environments

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	3
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-85 to +392 °F -65 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	27 pF/ft 89 pF/m
Physical	
Cable Diameter	0.19 in 4.83 mm
Jacket Material	FEP
Jacket Color	Orange
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 0.97 mm
Insulation Material	FEP
Shield Type	Braid 85% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	1.90 in 48.30 mm
Weight	0.59 oz/ft 55.09 g/m

CABLES

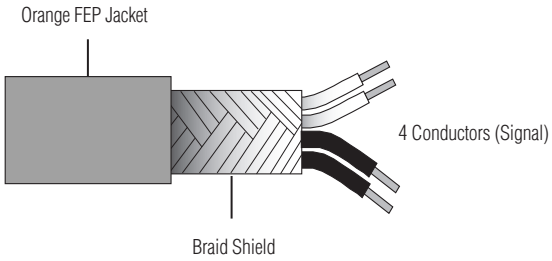
4-CONDUCTOR CABLE WITH ORANGE FEP JACKET

MODEL 057

Ideal for use with triaxial ICP® accelerometers and Temperature Output (TO) vibration transmitters

Ideal for use in high temperature or corrosive environments

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	4
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-85 to +392 °F -65 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	24 pF/ft 79 pF/m
Physical	
Cable Diameter	0.19 in 4.83 mm
Jacket Material	FEP
Jacket Color	Orange
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.03 in 0.76 mm
Insulation Material	FEP
Shield Type	Braid 85% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	1.90 in 48.26 mm
Weight	0.52 oz/ft 48.16 g/m

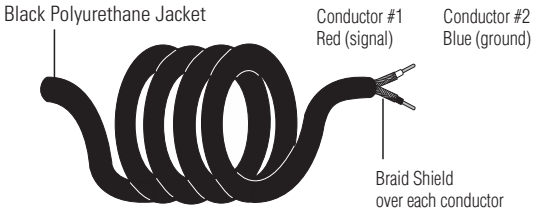
2-CONDUCTOR LARGE DIAMETER COILED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 058

Ideal for use with single-axis ICP® accelerometers in route-based measurements

Stays coiled despite heavy usage

Available in 6, 10, or 15 ft lengths



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Coiled Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 97% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	2.50 in 63.50 mm
Weight	0.64 oz/ft 59.51 g/m

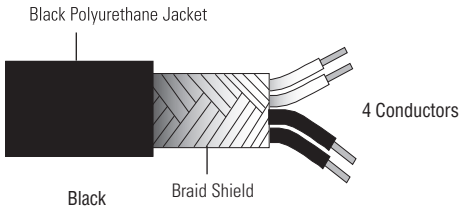
CABLES

4-CONDUCTOR CABLE WITH BLACK POLYURETHANE JACKET

MODEL 059

Ideal for use with biaxial or triaxial ICP® accelerometers and Temperature Output (TO) vibration transmitters

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	4
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	2.50 in 63.50 mm
Weight	0.75 oz/ft 69.59 g/m

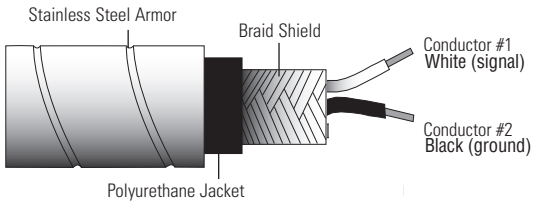
2-CONDUCTOR ARMORED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 067

Armored version of our smallest diameter 2-conductor cable

Armor protects cable from being cut or crushed

Used as integral cable on Model 607A61



SPECIFICATIONS	
Performance	
Conductor Number	2
Cable Style	Straight Armored Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	20 pF/ft 73 pF/m
Physical	
Armor Diameter	0.41 in 10.40 mm
Armor Material	Stainless Steel
Cable Diameter	0.16 in 4.06 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 38 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.02 in 0.51 mm
Insulation Material	FEP
Shield Type	Braid 94% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	3.00 in 76.00 mm
Weight	1.11 oz/ft 102.87 g/m

CABLES

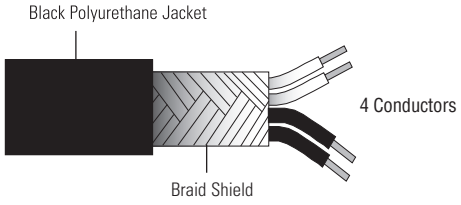
4-CONDUCTOR SMALL DIAMETER CABLE WITH BLACK POLYURETHANE JACKET

MODEL 097

Smallest diameter 4-conductor cable

Ideal for use with triaxial ICP® accelerometers and Temperature Output (TO) vibration transmitters

Smooth jacket for easy pulling through conduit and cable trays



SPECIFICATIONS	
Performance	
Conductor Number	4
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	27 pF/ft 90 pF/m
Physical	
Cable Diameter	0.17 in 4.32 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 38 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 94% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	1.70 in 43.18 mm
Weight	0.34 oz/ft 31.62 g/m

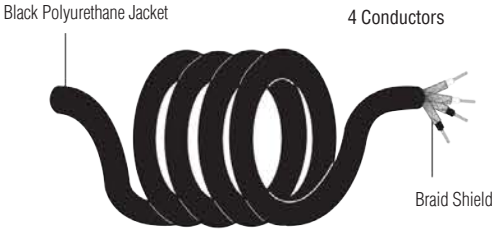
4-CONDUCTOR COILED CABLE WITH BLACK POLYURETHANE JACKET

MODEL 501

Ideal for use with biaxial or triaxial ICP® accelerometers in route-based measurements

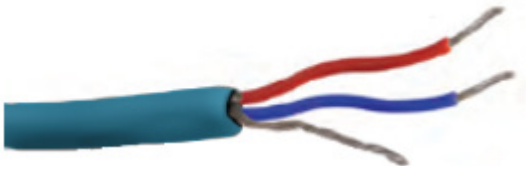
Stays coiled despite heavy usage

Available in 6, 10, or 15 ft lengths



SPECIFICATIONS	
Performance	
Conductor Number	4
Cable Style	Coiled Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 97% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	No Drain Wire
Bend Radius (Minimum)	2.50 in 63.50 mm
Weight	0.75 oz/ft 69.74 g/m

CABLES



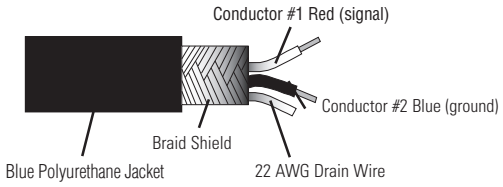
2-CONDUCTOR CABLE WITH BLUE POLYURETHANE JACKET

MODEL 505

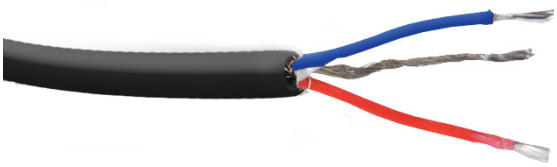
Light blue per IEC 60079-14 for intrinsically safe circuits

Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Blue
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1.02 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.50 in 63.50 mm
Weight	0.67 oz/ft 61.85 g/m



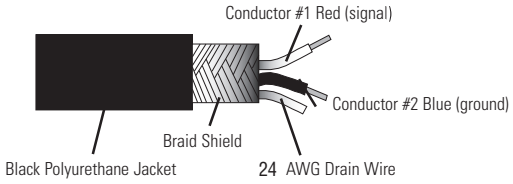
2-CONDUCTOR CABLE WITH BLACK POLYURETHANE JACKET

MODEL 508

Most economical 2-conductor cable

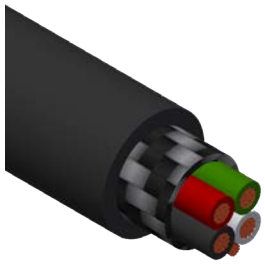
Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 ˚F)	19 pF/ft 64 pF/m
Physical	
Cable Diameter	0.19 in 4.83 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.05 in 1.27 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	1.90 in 48.30 mm
Weight	0.41 oz/ft 38.12 g/m

CABLES



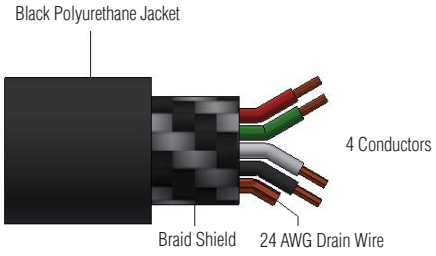
4-CONDUCTOR SHIELDED POLYURETHANE JACKET CABLE

MODEL 518

Ideal for use with biaxial or triaxial ICP® accelerometers and Temperature Output (TO) vibration transmitters

Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	4, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.040 in 1.016 mm
Insulation Material	FEP
Shield Type	Braid 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.5 in 63.5 mm
Weight	0.75 oz/ft 69.59 gm/m

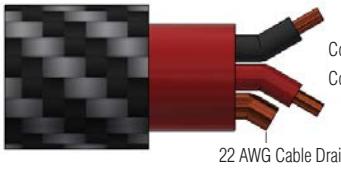
2-CONDUCTOR SHIELDED CABLE WITH RED FEP JACKET

MODEL 519

Ideal for use in harsh, high temperature environments

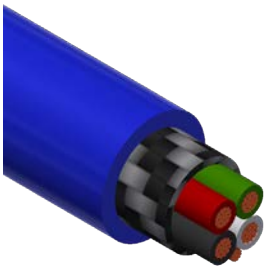
Flexible stainless steel overbraid for advanced protection

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	2, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Pair
Environmental	
Temperature Range	-90 to +392 °F -70 to +200 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	35 pF/ft 114.8 pF/m
Physical	
Cable Diameter	0.119 in 3.02 mm
Jacket Material	FEP
Jacket Color	Red
Conductor Style	Stranded - 7 strands 30 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.025 in 0.635 mm
Insulation Material	FEP
Shield Type	Foil
Shield Material	Aluminum / Mylar
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2 in 50.8 mm
Weight	0.328 oz/ft 30.51 gm/m

CABLES



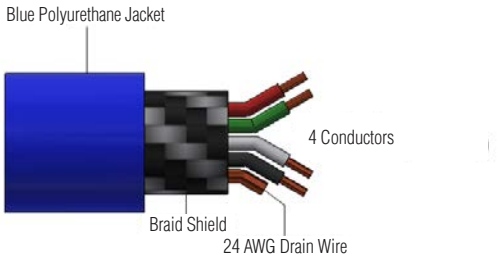
4-CONDUCTOR SHIELDED POLYURETHANE JACKET CABLE

MODEL 520

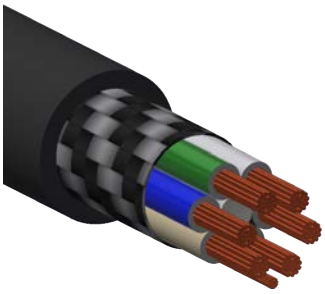
Light blue per IEC 60079-14 for intrinsically safe circuits

Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	4, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	36 pF/ft 118 pF/m
Physical	
Cable Diameter	0.25 in 6.35 mm
Jacket Material	Polyurethane
Jacket Color	Blue
Conductor Style	Stranded - 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.040 in 1.016 mm
Insulation Material	FEP
Shield Type	Braid: 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.5 in 63.5 mm
Weight	0.75 oz/ft 69.59 gm/m



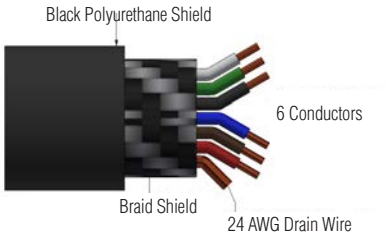
6-CONDUCTOR SHIELDED POLYURETHANE JACKET CABLE

MODEL 522

Ideal for use with triaxial ICP® accelerometers, Temperature Output (TO) vibration transmitters, or Resistance Temperature Detector (RTD) accelerometers

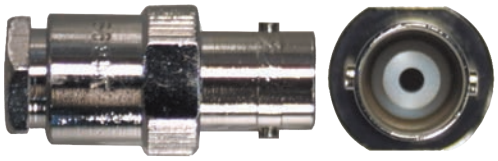
Smooth jacket for easy pulling through conduit and cable trays

Includes dedicated drain wire attached to shield



SPECIFICATIONS	
Performance	
Conductor Number	6, Drain
Cable Style	Straight Multi-Conductor Twisted Shielded Bundle
Environmental	
Temperature Range	-58 to +250 °F -50 to +121 °C
Electrical	
Capacitance (Cond-to-Cond@70 °F)	25 pF/ft 80 pF/m
Physical	
Cable Diameter	0.25 in 63.5 mm
Jacket Material	Polyurethane
Jacket Color	Black
Conductor Style	Stranded - 19 Strands 32 AWG
Conductor Material	Tin Plated Copper
Conductor Diameter	0.04 in 1 mm
Insulation Material	FEP
Shield Type	Braid: 90% Minimum Coverage
Shield Material	Tin Plated Copper
Drain Wire Material	Tin Plated Copper
Bend Radius (Minimum)	2.5 in 63.5 mm
Weight	1 oz/ft 97 gm/m

CONNECTORS



BNC JACK
MODEL AB

SPECIFICATIONS	
Performance	
Connector Style	BNC Coaxial
Connection Type	1 Socket
Coupling Method	Bayonet
Strain Relief	Molded Boot
Environmental	
Temperature Range	-85 to +329 °F -65 to +165 °C
Physical	
Material	Nickel-Coated Brass
Weight	0.51 oz 14.00 g

BNC PLUG
MODEL AC

SPECIFICATIONS	
Performance	
Connector Style	BNC Coaxial
Connection Type	1 pin
Coupling Method	Bayonet
Strain Relief	Molded Boot
Environmental	
Temperature Range	-85 to +329 °F -65 to +165 °C
Physical	
Material	Nickel-Coated Brass
Weight	0.51 oz 14.00 g

PIGTAIL LEADS (STRIPPED AND TINNED)
MODEL AD

SPECIFICATIONS
Approximately 2” of stripped cable jacket, ¼” stripped conductors, tinned

2-SOCKET COMPOSITE ENVIRONMENTAL BOOT

MODEL AE

Use with single-axis accelerometers and transmitters

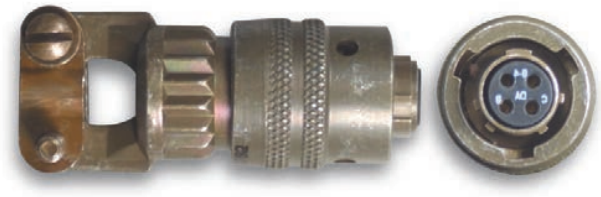
SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Push On
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone
Weight	0.88 oz 25.00 g

2-SOCKET ALUMINUM CONNECTOR

MODEL AM

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106A MIL-C-5015 Multi-Conductor
Connection Type	2 socket
Coupling Method	Threaded
Strain Relief	Potted
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	0.49 oz 14.00 g



4-SOCKET ALUMINUM CONNECTOR

MODEL AN

Use with triaxial accelerometers

SPECIFICATIONS	
Performance	
Connector Style	MS3116 MIL-C-26482 Multi-Conductor
Connection Type	4 Socket
Coupling Method	Bayonet
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	0.79 oz 22.34 g

CONNECTORS

2-SOCKET ALUMINUM CONNECTOR
MODEL AP

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-320 to +257 °F -196 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	1.19 oz 33.87 g

2-SOCKET HIGH TEMPERATURE ALUMINUM CONNECTOR
MODEL BP

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-320 to +325 °F -196 to +163 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	1.20 oz 33.90 g

2-SOCKET RIGHT ANGLE COMPOSITE CONNECTOR
MODEL BQ

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-320 to +250 °F -196 to +121 °C
Physical	
Material	Nylon
Weight	0.39 oz 11.00 g

2-SOCKET COMPOSITE CONNECTOR
MODEL BR

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-320 to +250 °F -196 to +121 °C
Physical	
Material	Nylon
Weight	0.39 oz 11.00 g

2-SOCKET ALUMINUM CONNECTOR
MODEL BS

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	0.49 oz 14.00 g

3-SOCKET COMPOSITE CONNECTOR
MODEL BV

Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Nylon
Weight	0.45 oz 12.80 g

CONNECTORS

28-PIN COMPOSITE BAYONET CONNECTOR WITH COLLAR RING

MODEL BY

Use with multi-output cable reduction box

SPECIFICATIONS	
Performance	
Connector Style	Circular Multi-Conductor
Connection Type	28 Pin
Coupling Method	Bayonet
Strain Relief	Clamp
Environmental	
Temperature Range	-40 to +221 °F -40 to +105 °C
Physical	
Material	Polyester (Connector) Nickel-Plated Brass (Collar Ring)
Weight	3.02 oz 85.5 g

BLUNT CUT TERMINATION

MODEL BZ

2-PIN ALUMINUM CONNECTOR

MODEL CE

SPECIFICATIONS	
Performance	
Connector Style	MS3101A MIL-C-5015 Multi-Conductor
Connection Type	2 Pin
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	1.21 oz 34.20 g

2-SOCKET COMPOSITE CONNECTOR
MODEL CF

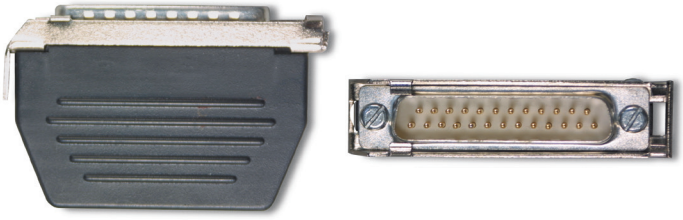
Use with single-axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Nylon
Weight	0.44 oz 12.40 g

3-SOCKET ALUMINUM CONNECTOR
MODEL CS

Use with TO Accelerometers and RV Transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3116 MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Bayonet
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Cadmium-Coated Aluminum
Weight	0.80 oz 22.68 g



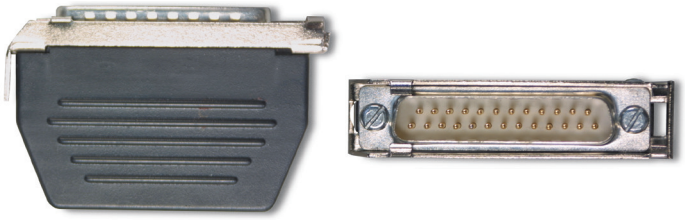
25-PIN D-STYLE CONNECTOR
MODEL CV

Use with Emerson® 2100 through 2130 Data Collectors[1]

SPECIFICATIONS	
Performance	
Connector Style	D-Sub Multi-Conductor
Connection Type	25 Pin
Coupling Method	Lever Lock
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +221 °F -55 to +105 °C
Physical	
Material	Plastic
Weight	1.12 oz 31.60 g

[1]Emerson® is a trademark of Emerson Electric Co. Use of the Emerson trademark does not imply any affiliation with or endorsement by Emerson Electric Co.

CONNECTORS



25-PIN D-STYLE CONNECTOR
MODEL CW

Use with SKF® Microlog® CMVA Data Collectors[1]

SPECIFICATIONS	
Performance	
Connector Style	D-Sub Multi-Conductor
Connection Type	25 Pin
Coupling Method	Lever Lock
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +221 °F -55 to +105 °C
Physical	
Material	Plastic
Weight	1.12 oz 31.60 g

7-PIN LEMO CONNECTOR
MODEL DP

Use with Rockwell® and ENTEK® Data Collectors[1]

SPECIFICATIONS	
Performance	
Connector Style	LEMO Multi-Conductor
Connection Type	7 Pin
Coupling Method	Push Pull
Strain Relief	Molded Boot
Environmental	
Temperature Range	-58 to +392 °F -50 to +200 °C
Physical	
Material	Chrome-Plated Brass
Weight	0.82 oz 23.16 g

4-SOCKET ALUMINUM CONNECTOR
MODEL DR

Use with triaxial accelerometers

SPECIFICATIONS	
Performance	
Connector Style	MS3116 MIL-C-26482 Multi-Conductor
Connection Type	4 Socket
Coupling Method	Bayonet
Strain Relief	Clamp Nut
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Cadmium-Coated Aluminum
Weight	0.60 oz 17.01 g

[1]SKF® and Microlog® are registered trademarks of AB SKF. Rockwell® is a registered trademark of Rockwell Automation, Inc. ENTEK® is a registered trademark of ENTEK International LLC. Use of these trademarks does not imply any affiliation with or endorsement by their respective owners.

3-SOCKET COMPOSITE ENVIRONMENTAL BOOT

MODEL DS

Use with TO Accelerometers and RV Transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Push On
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Silicone
Weight	0.88 oz 25.00 g

2-SOCKET ALUMINUM CONNECTOR

MODEL EC

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone (Connector) Stainless Steel (Collar Ring)
Weight	1.75 oz 49.70 g

2-SOCKET COMPOSITE CONNECTOR

MODEL EF

Use with TO Accelerometers and RV Transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Nylon
Weight	0.44 oz 12.40 g

CONNECTORS

2-SOCKET HIGH TEMPERATURE STAINLESS STEEL CONNECTOR

MODEL ER

Use with accelerometer Model 612A01

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	None
Environmental	
Temperature Range	-65 to +500 °F -55 to +260 °C
Physical	
Material	Stainless Steel
Weight	1.24 oz 35.30 g

2-SOCKET ALUMINUM CONNECTOR WITH COMPOSITE BOOT

MODEL FV

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-65 to +325 °F -55 to +163 °C
Physical	
Material	Zinc-Coated Brass (Connector) Nylon (Boot)
Weight	1.05 oz 29.70 g

3-SOCKET ENVIRONMENTAL BOOT WITH COLLAR RING

MODEL FY

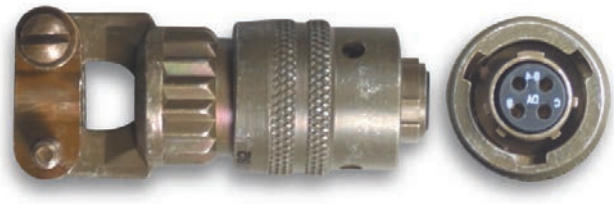
Use with TO accelerometers and RV transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone (Connector) Stainless Steel (Collar Ring)
Weight	1.75 oz 49.70 g

3-SOCKET ALUMINUM CONNECTOR
MODEL GT

Use with TO accelerometers and RV transmitters

SPECIFICATIONS	
Performance	
Connector Style	MS3106 MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	1.24 oz 35.12 g



4-SOCKET ALUMINUM CONNECTOR
MODEL HC

Use with TO accelerometers

SPECIFICATIONS	
Performance	
Connector Style	MS3116 MIL-C-26482 Multi-Conductor
Connection Type	4 Socket
Coupling Method	Bayonet
Strain Relief	Clamp
Environmental	
Temperature Range	-67 to +257 °F -55 to +125 °C
Physical	
Material	Zinc-Coated Aluminum
Weight	0.79 oz 22.30 g

6-PIN FISCHER CONNECTOR
MODEL HM

Use with SKF® Microlog® AX/GX/CMXA Data Collectors[1]

SPECIFICATIONS	
Performance	
Connector Style	Fischer Multi-Conductor
Connection Type	6 Pin
Coupling Method	Push Pull
Strain Relief	Clamp
Environmental	
Temperature Range	-85 to +266 °F -65 to +130 °C
Physical	
Material	Nickel-Plated Brass
Weight	0.87 oz 24.66 g

[1]SKF® and Microlog® are registered trademarks of AB SKF. Use of these trademarks does not imply any affiliation with or endorsement by AB SKF.

CONNECTORS

5-PIN M12 CONNECTOR WITH COLLAR RING
MODEL HX

Use with Emerson® 2120/2130/2140 Data Collectors[1]

SPECIFICATIONS	
Performance	
Connector Style	M12 Multi-Conductor
Connection Type	5 Pin
Coupling Method	Threaded
Strain Relief	Clamp Nut
Environmental	
Temperature Range	-40 to +185 °F -40 to +85 °C
Physical	
Material	Polyester (Connector) Nickel-Plated Brass (Collar Ring)
Weight	0.83 oz 23.50 g

BNC DOUBLE SPLICE
MODEL LG

Use with biaxial accelerometers

SPECIFICATIONS	
Performance	
Connector Style	BNC Double Splice Multi-Conductor
Connection Type	1 Pin (2)
Coupling Method	Bayonet
Strain Relief	Molded Boot
Environmental	
Temperature Range	-40 to +176 °F -40 to +80 °C
Physical	
Material	Nickel-Coated Brass
Weight	2.82 oz 80 g

2-SOCKET ALUMINUM CONNECTOR WITH ENVIRONMENTAL BOOT
MODEL LQ

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Aluminum (Connector) Silicone (Boot)
Weight	1.40 oz 40.70 g

[1]Emerson® is a trademark of Emerson Electric Co. Use of the Emerson trademark does not imply any affiliation with or endorsement by Emerson Electric Co.

3-PIN BREAKAWAY CONNECTOR
MODEL LU

Use with 3-socket breakaway connector (LV)

SPECIFICATIONS	
Performance	
Connector Style	Breakaway Multi-Conductor
Connection Type	3 Pin
Coupling Method	Snap On
Strain Relief	Potted
Environmental	
Temperature Range	-40 to +176 °F -40 to +80 °C
Physical	
Material	Plastic
Weight	0.36 oz 10.10 g

3-SOCKET BREAKAWAY CONNECTOR
MODEL LV

Use with 3-socket breakaway connector (LU)

SPECIFICATIONS	
Performance	
Connector Style	Breakaway Multi-Conductor
Connection Type	3 Socket
Coupling Method	Snap On
Strain Relief	Potted
Environmental	
Temperature Range	-40 to +176 °F -40 to +80 °C
Physical	
Material	Plastic
Weight	0.39 oz 11.00 g

5-PIN BREAKAWAY CONNECTOR
MODEL LW

Use with 5-socket breakaway connector (LX)

SPECIFICATIONS	
Performance	
Connector Style	Breakaway Multi-Conductor
Connection Type	5 Pin
Coupling Method	Snap On
Strain Relief	Potted
Environmental	
Temperature Range	-13 to +176 °F -25 to +80 °C
Physical	
Material	Plastic
Weight	0.36 oz 10.10 g

CONNECTORS

5-SOCKET BREAKAWAY CONNECTOR
MODEL LX

Use with 5-pin breakaway connector (LW)

SPECIFICATIONS	
Performance	
Connector Style	Breakaway Multi-Conductor
Connection Type	5 Socket
Coupling Method	Snap On
Strain Relief	Potted
Environmental	
Temperature Range	-13 to +176 °F -25 to +80 °C
Physical	
Material	Plastic
Weight	0.39 oz 11.00 g

BNC TRIPLE SPLICE
MODEL NF

Use with triaxial accelerometers

SPECIFICATIONS	
Performance	
Connector Style	BNC Triple Splice Multi-Conductor
Connection Type	1 Pin (3)
Coupling Method	Bayonet
Strain Relief	Molded Boot
Environmental	
Temperature Range	-40 to +176 °F -40 to +80 °C
Physical	
Material	Nickel-Coated Brass

2-SOCKET COMPOSITE CONNECTOR WITH COLLAR RING
MODEL PA

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +356 °F -55 to +180 °C
Physical	
Material	Polyphenylene Sulfide (Connector) Stainless Steel (Collar Ring)
Weight	0.65 oz 18.40 g

2-SOCKET RIGHT ANGLE COMPOSITE CONNECTOR WITH COLLAR RING

MODEL PB

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +356 °F -55 to +180 °C
Physical	
Material	Polyphenylene Sulfide (Connector) Stainless Steel (Collar Ring)
Weight	0.65 oz 18.40 g

4-SOCKET M12 CONNECTOR WITH COLLAR RING

MODEL PZ

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	M12 Multi-Conductor
Connection Type	4 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-40 to +221 °F -40 to +105 °C
Physical	
Material	Polyester (Connector) Stainless Steel (Collar Ring)
Weight	0.31 oz 8.80 g

3-SOCKET COMPOSITE CONNECTOR

MODEL QF

Use with TO accelerometers & RV transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +250 °F -55 to +121 °C
Physical	
Material	Nylon
Weight	0.39 oz 11.00 g

CONNECTORS

5-SOCKET M12 CONNECTOR WITH COLLAR RING
MODEL QH

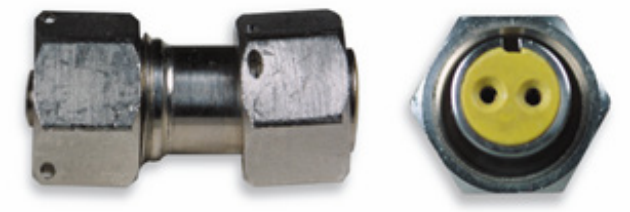
Use with triaxial accelerometers

SPECIFICATIONS	
Performance	
Connector Style	M12 Multi-Conductor
Connection Type	5 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-40 to +221 °F -40 to +105 °C
Physical	
Material	Polyester (Connector) Stainless Steel (Collar Ring)
Weight	0.31 oz 8.80 g

3-SOCKET HIGH TEMPERATURE COMPOSITE CONNECTOR
MODEL QK

Use with TO accelerometers an RV transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015 Multi-Conductor
Connection Type	3 Socket
Coupling Method	Threaded
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +356 °F -55 to +180 °C
Physical	
Material	Polyphenylene Sulfide
Weight	0.65 oz 18.40 g



2-SOCKET HIGH TEMPERATURE 7/16-27 CONNECTOR
MODEL QY

Use with softline cable for high temperature sensors

SPECIFICATIONS	
Performance	
Connector Style	7/16-27 Multi-Conductor
Connection Type	2 Socket
Coupling Method	Threaded
Strain Relief	None
Environmental	
Temperature Range	-320 to +500 °F -196 to +260 °C
Physical	
Material	Stainless Steel
Weight	0.60 oz 17.00 g

5-PIN MOLDED TURCK EUROFAST® M12 CONNECTOR

MODEL SM

Use with biaxial or triaxial ICP® accelerometers and TO vibration transmitters, rugged option in place of HX connector (5 PIN M12 CONNECTOR WITH COLLAR RING)

SPECIFICATIONS	
Performance	
Connector Style	M12 Multi-Conductor
Connection Type	5 Pin
Coupling Method	Threaded
Strain Relief	Molded
Environmental	
Temperature Range	-58 to +221 °F -50 to +105 °C
Physical	
Material	TPU, Yellow
Weight	1.0 oz 28.3 g

CONNECTOR KITS

2 SOCKET FIELD-INSTALLABLE CONNECTOR KIT (0.195” CABLE)

MODEL 075A01

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015
Connector Style	Multi-Conductor
Connection Type	2 Socket
Coupling Method	Push On
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone
Weight	0.88 oz 25.00 g

2 SOCKET FIELD-INSTALLABLE CONNECTOR KIT (0.250” CABLE)

MODEL 075A02

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015
Connector Style	Multi-Conductor
Connection Type	2 Socket
Coupling Method	Push On
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone
Weight	0.88 oz 25.00 g

2 SOCKET FIELD-INSTALLABLE CONNECTOR KIT (0.157” CABLE)

MODEL 075A03

Use with single axis accelerometers and transmitters

SPECIFICATIONS	
Performance	
Connector Style	MIL-C-5015
Connector Style	Multi-Conductor
Connection Type	2 Socket
Coupling Method	Push On
Strain Relief	Molded Boot
Environmental	
Temperature Range	-67 to +325 °F -55 to +163 °C
Physical	
Material	Silicone
Weight	0.88 oz 25.00 g

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