

CABLES

NUMBER	SIDE VIEW	DESCRIPTION	RANGE		DIAMETER in.	pF/ft.
			°C	°F		
J1		Coaxial, low noise, orange, PVC jacket	-55 to 80	-67 to 176	0.088	30
J3		Coaxial, low noise, high temperature, red, Teflon® jacket	-100 to 260	-148 to 500	0.085	30
J4		Coaxial, RG 174, black, PVC jacket	-55 to 80	-67 to 176	0.105	30
J5A		Coaxial, RG 58, black, PVC jacket	-40 to 105	-40 to 221	0.190	30
J6		Coaxial, underwater, black, Polyurethane jacket	-20 to 90	-4 to 194	0.156	44
J8		Twisted pair, shielded, underwater, black Polyurethane jacket	-20 to 90	-4 to 194	0.156	23
J9		Twisted pair, shielded, gray, PVC jacket	-55 to 80	-67 to 176	0.230	32
J9A		Twisted pair, shielded, brown, PVC jacket	-55 to 105	-67 to 221	0.200	28
J9B		Three conductor, shielded, gray, PVC jacket	-55 to 80	-67 to 176	0.240	44
J9T		Coaxial, RG 59, black, Teflon® jacket	-80 to 150	-112 to 302	0.190	20
J9T2		Twisted pair, shielded, white Tefzel® jacket	-80 to 150	-112 to 302	0.190	27
J9T2A		Twisted pair, shielded, yellow Teflon® jacket	-80 to 200	-112 to 392	0.190	27

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J9T2AS		Twisted pair, shielded, yellow Teflon® jacket with stainless steel braid	-80 to 200	-112 to 392	0.210	27
J9T2S		Twisted pair, shielded, white Tefzel® jacket, with stainless steel braid	-80 to 150	-112 to 302	0.210	27
J9T3		Three conductor, shielded, white Tefzel® jacket	-80 to 150	-112 to 302	0.190	27
J9T3A		Three conductor, shielded, yellow Teflon® jacket	-80 to 200	-112 to 392	0.190	27
J9T3S		Three conductor, shielded, white Tefzel® jacket, with stainless steel braid	-80 to 150	-112 to 302	0.210	27
J9T4		Four conductor, shielded, red Teflon® jacket	-80 to 200	-112 to 392	0.190	30
J9T4A		Four conductor, shielded, yellow Teflon® jacket	-80 to 200	-112 to 392	0.190	27
J10		Twisted pair, shielded, gray Enviroprene™ jacket	-50 to 125	-58 to 257	0.190	30
J41		Coaxial, black, PVC jacket, for SNAP™ sensors	-55 to 60	-67 to 140	0.097	18
J51		Coaxial, retractable, black, Neoprene jacket, available in 4 and 12 ft. extended length	-55 to 90	-67 to 194	0.170	30
J52		Twisted pair, shielded, polyurethane jacket, available in 4 ft. extended length	-20 to 80	-4 to 176	0.156	39
J61		Coaxial, underwater, black, Polyurethane jacket	-20 to 90	-4 to 194	0.190	44
J81		Twisted pair, shielded, underwater, black, Polyurethane jacket	-20 to 90	-4 to 194	0.190	28

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NUMBER	SIDE VIEW	DESCRIPTION	RANGE		DIAMETER in.	pF/ft.
			°C	°F		
J81S		Twisted pair, shielded, underwater, black, Polyurethane jacket with stainless steel braid	-20 to 90	-4 to 194	0.210	28
J93		Coaxial, RG316/U, high temperature, clear, Teflon® jacket	-55 to 200	-61 to 392	0.098	29
J95		Five conductor, shielded, black, Polyurethane jacket	-20 to 90	-4 to 194	0.240	22
J96		Twisted pair, shielded, white Teflon® jacket	-80 to 150	-112 to 302	0.145	35
J9F		Twisted pair, foil shielded with drain wire, red Teflon® jacket	-70 to 200	-94 to 392	0.125	51

***Optional Covers:**

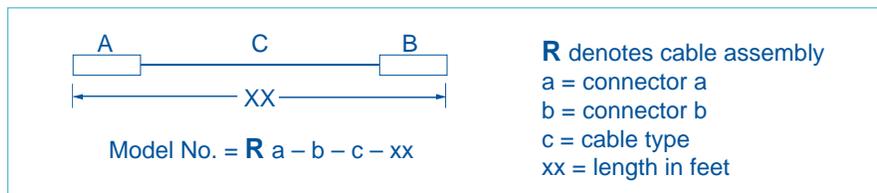
A = Armor cable covering (available with 0.190" dia. cables).

S = Stainless steel braid cable covering (available with most 0.190" dia. cables).

CONNECTORS / TERMINATIONS

MODEL	END VIEW	SIDE VIEW	DESCRIPTION	RECOMMENDED CABLES**
ST			Stripped & Tinned	All
HTKIT			Field Installable, High Temperature R6Q Connector Kit <i>Note: Connector & cabling must be ordered separately</i>	
SPKIT			Field Installable, Splash Proof Connector Kits: Each kit contains tools and supplies to assemble 25 "6SL / 6SLI" connectors. *NOTE: Connectors & Cabling must be ordered separately	

How to Order Cable Assemblies:



Cable Assembly Model Number Examples:

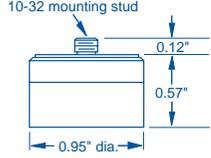
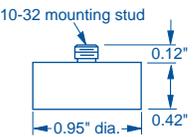
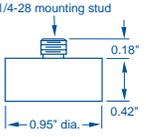
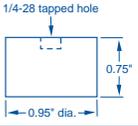
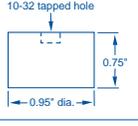
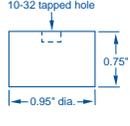
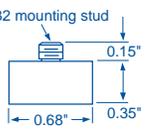
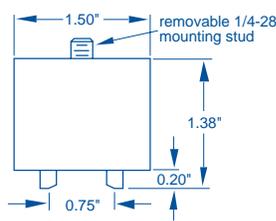
Model	Description	Model	Description
1	Microdot connector	6	Amphenol, Mil-C-5015, 2 pin
2	BNC connector	0	Blunt cut
J3	High Temperature cable	J9T2A	High temperature cable
16	Length of cable	32	Length of cable

Order Model No.: R1-2-J3-16

Order Model No.: R6-0-J9T2A-32

Standard stocked cable in 16, 32, 64, and 112 foot lengths.

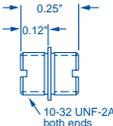
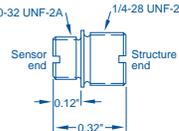
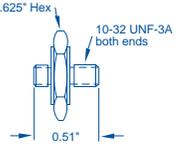
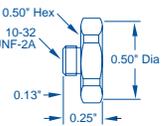
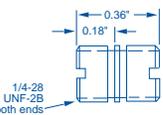
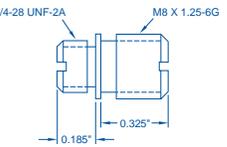
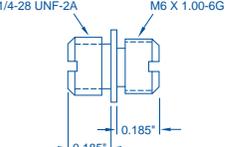
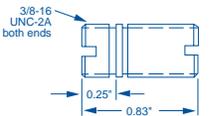
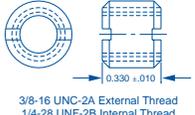
MOUNTING / ACCESSORIES

MODEL	IMAGE	DRAWING	DESCRIPTION
B1A			Rare earth magnetic mounting base, 10-32 stud, isolated, 0.95" diameter, 40 lbs. force. Electrically isolates the sensor from ground to prevent ground loops.
B2A			Rare earth magnetic mounting base, 10-32 stud, non-isolated, 0.95" diameter, 40 lbs. force.
B3			Rare earth magnetic mounting base, 1/4-28 stud, non-isolated, 0.95" diameter, 40 lbs. force.
B3-1			Rare earth magnetic mounting base, 1/4-28 tapped hole, non-isolated, 0.95" diameter, 40 lbs. force.
B3-2			Rare earth magnetic mounting base, 10-32 tapped hole, non-isolated, 0.95" diameter, 40 lbs. force.
B3-3			Rare earth magnetic mounting base, 10-32 tapped hole, keyed, non-isolated, 0.95" diameter, 40 lbs. force.
B4			Rare earth magnetic mounting base, 10-32 stud, non-isolated, 0.68" diameter, 40 lbs. force.
B5			Two-pole magnetic mounting base, 1.5" diameter, 30 lbs. force. Removable mounting stud for use with bolt thru sensors. Specify 1/4-28 mounting stud or 10-32 adaptor stud when ordering. Use on curved surfaces. Recommended for low frequency measurements or where other mounting methods are not practical. <i>*Note: B5 is shipped with a protective washer. Washer must be removed before using the magnet.</i>

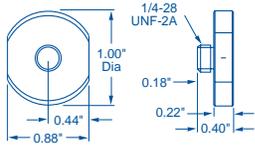
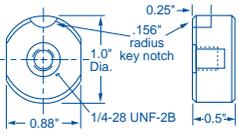
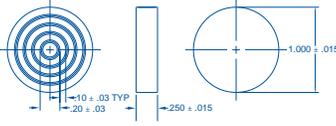
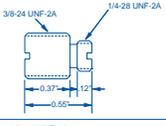
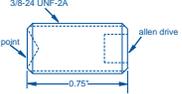
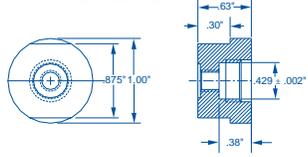
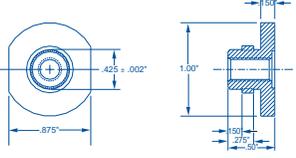
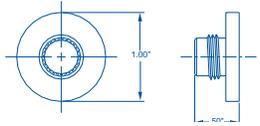
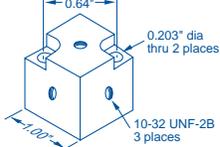
MOUNTING / ACCESSORIES

MODEL	IMAGE	DRAWING	DESCRIPTION
B6			Two-pole magnetic mounting base, 2.12" diameter, 70 lbs. force. Removable mounting stud for use with bolt thru sensors. Specify 1/4-28 mounting stud or 10-32 adaptor stud when ordering. Use on curved surfaces. Recommended for low frequency measurements or where other mounting methods are not practical. <i>*Note: B6 is shipped with a protective washer. Washer must be removed before using the magnet.</i>
B11			Magnetic mounting base for Model 712F, 8-32 mounting thread
FM101			Fin mount, 0.500" thick, 1.25" long
FM102			Fin mount, 0.500" thick, 2.00" long
FM103			Fin mount, 0.250" thick, 1.75" long
FM104			Fin mount, 0.250" thick, 1.00" long
GFA18			Zerkometer™ grease fitting adapter 1/4-28 taper to 1/8 NPT female 90°

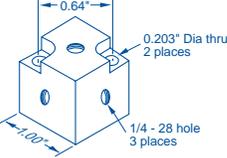
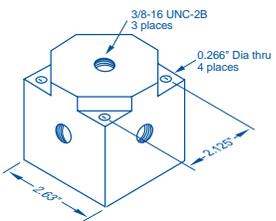
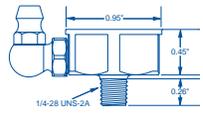
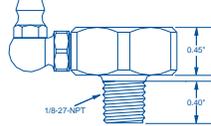
MOUNTING / ACCESSORIES

MODEL	IMAGE	DRAWING	DESCRIPTION
SF1			Mounting stud, 10-32 UNF both ends, stainless steel, recommended mounting torque 18 in-lbs.
SF3			Mounting stud adapter, adapts 10-32 UNF to 1/4-28 UNF, stainless steel, recommended mounting torque 18 in-lbs.
SF4			Mounting stud, 10-32 UNF both ends, isolated, stainless steel with non-conductive layer of epoxy to prevent ground loops, recommended mounting torque 18 in-lbs.
SF5			Epoxy mounting stud, 10-32 thread, 0.50" hex, anodized aluminum, recommended mounting torque 18 in-lbs.
SF6			Mounting stud, 1/4-28 UNF both ends, stainless steel, recommended mounting torque 24 in-lbs.
SF6M			Mounting stud, 1/4-28 UNF to M8 x 1.25 (metric), recommended mounting torque 24 in-lbs.
SF6M-1			Mounting stud, 1/4-28 UNF to M6 x 1.00 (metric), recommended mounting torque 24 in-lbs.
SF7			Mounting stud, 3/8-16 thread both ends, stainless steel, see specification sheet of instrumentation being used for recommended mounting torque.
SF7B			Threaded inserts (helical inserts), 1/4-28 internal to 3/8-16 external

MOUNTING / ACCESSORIES

MODEL	IMAGE	DRAWING	DESCRIPTION
SF8			Cementing pad, 1/4-28 integral stud, 1" diameter, stainless steel, recommended mounting torque 24 in-lbs.
SF8-2			Cementing pad, 1/4-28 tapped hole, 1" diameter, stainless steel, recommended mounting torque 24 in-lbs. Includes key notch for constant axis orientation; use with 993B Series Triaxial Accelerometers.
SF11			Magnetic mounting pad, stainless steel. Epoxy this pad to a structure surface to provide a place for magnetic mount sensors.
SF20-1			Mounting stud, 1/4-28 to 3/8-24.
SF20-2			Mounting stud, 3/8-24 to 3/8-24.
ST101			Spot face tool, 1.25" diameter, pilot drill for 1/4-28 hole. Drill depth is adjustable.
QB-1			QuickLINK® Sensor Base, adapter mates to 1/4-28 sensor, stainless steel. Adapts to sensor for walkaround data collection. Attaches sensor to any QuickLINK mounting pad in less than one turn.
QP-1			QuickLINK® Stud Mounting Pad, 1/4-28 tapped hole base, stainless steel. Allows quick mount of sensors in less than one turn. Use of one QB-1 on sensor required. Easy conversion to permanently mounted sensors.
QP-2			QuickLINK® Cementing Pad, flat base, stainless steel. Allows quick mount of sensors in less than one turn. Use of one QB-1 on sensor required. Easy conversion to permanently mounted sensors.
TC1			One inch triaxial mounting cube, 10-32 tapped holes, anodized aluminum, non-conductive coating prevents ground loops. Weight 36 grams.

MOUNTING / ACCESSORIES

MODEL	IMAGE	DRAWING	DESCRIPTION
TC1B			One inch triaxial mounting cube, 1/4-28 tapped holes, anodized aluminum, non-conductive coating prevents ground loops. Weight 36 grams.
TC2			Triaxial mounting cube for 731A, 3/8-16 tapped holes, anodized aluminum, non-conductive coating prevents ground loops. Weight 500 grams.
ZB14			Zerkometer™ mounting base, 1/4-28 tapered thread
ZB18			Zerkometer™ mounting base, 1/8-27 NPT
A48038			Crimp Tool for use with R6Q or R6SL/R6GSLI connectors.
A61059			Epoxy, Nozzle, EPX
SILPAK			Silicone Grease, 1.5 cc tube, Dow Corning [DC 111] for use with splash proof connectors.
SILGREASE			Silicone Grease, 5.3 ounce tube, Dow Corning [DC 111] for use with splash proof connectors.
VERSIL406			Epoxy, Versilox, A-Paks, 406 / ACC. #17