



PARKER MEDICAL, INC.

High Voltage X-Ray Imaging Components

Federal Standard Field Termination Kits

Medical
Industrial
Product Design
CNC Machining
Plastics Molding

PMI has developed a field termination kit for federal standard plugs that simplifies the termination procedure and provides a more reliable field-terminated cable. Kits are available for a full range of federal standard plug configurations. Each kit provides termination materials for one cable end. In most cases, mounting hardware from the existing cable can be reused for the new termination. Should new hardware be required, it can be selected from the accessory parts list or from the PMI Components Parts List for a more comprehensive parts selection. Selecting the proper kit is instrumental in ensuring terminal flare fit to cable diameter. The PMI HV Cable Specification offers electrical and mechanical details of cable designation codes referred to in the cable diameter type column.

Stock Field Termination Kits

	Part Number	Pin Configuration	Flange Diameter			Cable Diameter			Sealing Gasket*
			Inches	MM	Type	Inches	MM	Type	
Cables & Harnesses	H875 P1	3-pin federal	1-9/16	39.7	small	0.785	20.0	M	H57 P2
Connectors	H875 P2	4-pin grid	1-9/16	39.7	small	0.845	21.5	G	H57 P2
X-Ray Tube Cooling	H875 P3	3-pin federal	2-3/16	55.6	large	0.785	20.0	M	H392
X-Ray Beam Control	H875 P4	4-pin grid	2-3/16	55.6	large	0.845	21.5	G	H392
Measurement Devices	H875 P5	3-pin federal	1-9/16	39.7	small	0.650	16.5	L	H57 P2
	H875 P6	4-pin grid	1-9/16	39.7	small	0.715	18.0	H, I	H57 P2
X-Ray Source Design	H875 P7	3-pin federal	2-3/16	55.6	large	0.605	15.5	A, P	H57 P1
	H875 P8	4-pin grid	2-3/16	55.6	large	0.715	18.0	H, I	H57 P1
	H875 P9	3-pin federal	1-9/16	39.7	small	0.605	15.5	A, P	H57 P2
	H875 P10	3-pin federal	2-3/16	55.6	large	0.650	16.5	L	H57 P1
	H875 P11	4-pin symmetrical	1-9/16	39.7	small	0.845	21.5	K, N	H57 P2
	H875 P12	4-pin symmetrical	2-3/16	55.6	large	0.845	21.5	K, N	H57 P1
	H875 P13	4-pin symmetrical	1-9/16	39.7	small	0.715	18.0	H, I	H57 P2
	H875 P14	4-pin symmetrical	2-3/16	55.6	large	0.715	18.0	H, I	H57 P1

* Other terminal or receptacle sealing gaskets may be better suited for some applications.
See accessory parts list for other selections.

Kit Contents (PMI Supplied)

H51 instruction procedure/drawing	heat shrink tubing	solder
H75 installation instruction	grounding ring	cotton swab
H1434 resin dispensing kit	plastic caps (3-4)	emery cloth
H69 insulating compound (1-oz)	plastic band	
plug with flare/contacts assembled	terminal gasket	

Kit Contents (Field Supplied)

continuity meter	wire stripper	ruler
trim scissors (curved)	soldering iron/gun	utility knife
solvent (acetone)	heat gun	pliers

Accessory Parts List

H460 skirted cable nut	H111 90-degree split metal strain relief
H27 P1 spanner cable nut	H112 straight split metal strain relief
H216 wave washer	H1247 molded 45-degree elbow strain relief
H57 P1 terminal gasket (soft)	H69 P1 insulating compound 1-oz
H57 P2 terminal gasket (hard)	H69 P4 insulating compound 5.3-oz
H316 terminal oil seal gasket	H1434 resin dispensing kit
H392 receptacle quad ring	

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