



PARKER MEDICAL, INC.

High Voltage X-Ray Imaging Components

Molded High Voltage Cable Terminations

Medical
Industrial
Product Design
CNC Machining
Plastics Molding
Cables & Harnesses
Connectors
X-Ray Tube Cooling
X-Ray Beam Control
Measurement Devices
X-Ray Source Design

PMI molds special high voltage cable terminations in a variety of materials to adjust plug durometer, improve temperature characteristics, and increase dielectric strength and voltage rating. Material selection is critical in matching plug to receptacle and overall operating specifications. PMI material selection and molding techniques allow for size reduction while maintaining voltage rating. While many of the PMI plug/receptacle combinations have become industry standards, selecting both the PMI cable and receptacle ensures mechanical and electrical compatibility. PMI molded plug/receptacle connections range in voltage from 10KV to 250KV and are tested to exceed their operating voltage rating to ensure reliability and longer life.



H190 mini plug (LGH-4) molded from EPR for vulcanized termination to cable insulation. Rated to 60KV, 1-2 conductors (H234 receptacle).



H189 compact plug molded from EPR for vulcanized termination to cable insulation. Rated to 60KV, 1-5 conductors (H78 receptacle).



H199 keyed taper plug molded from EPR for vulcanized termination to cable insulation. Rated for 75KV, 1-4 conductors (H138 receptacle).



H435 mini plug with recessed pins molded from EPR for vulcanized termination to cable insulation. Rated to 75KV, 1-4 conductors (H1010 P2 receptacle).



H492 P1 R10 termination with H1356 CXR-10 mounting flange (H513 receptacle).



H492 P3 R5 termination with 3 spring contacts and spring-loaded mounting flange (H447 receptacle).



H342 R24 termination with mounting flange (H1419 P1 receptacle). Several mounting flange styles available.



H342 R24 termination with mounting flange (H1419 P2 short style receptacle).