



PARKER MEDICAL, INC.

High Voltage X-Ray Imaging Components

75KV Federal Standard Style High Voltage Cables

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 produces a wide range of 75KV federal standard high voltage cables. All types feature a low-noise construction and are recommended for use in applications sensitive to electrical noise. Cables are terminated with high density/high thermal capacity grey plugs configured with 1-6 silver-plated banana contacts rated at 15-amperes. Proprietary assembly and processing techniques ensure no separation at cable/plug termination even after repeated flexure and multi-engagement.

Following are the most common types of cable assemblies. Many types are stocked in 5-foot increment lengths and can be shipped the same day as an order, or assembled and shipped the following day.

L Series

General purpose hiflex 0.635" diameter 3/C x-ray cable furnished with split strain relief mounting hardware kits that are assembled at installation. Small diameter flange allows easy installation through small openings. Stocked 5' to 120'.

M Series

General purpose 0.785" diameter 3/C x-ray cable furnished with split strain relief mounting hardware kits that are assembled at installation. Small diameter flange allows easy installation through small openings. Type M cable rated at 100KV. Stocked 5' to 120'.

P Series

General purpose hiflex 0.635" diameter 3/C x-ray cable assembled with wide flange grease or oil seal plugs with fixed straight molded strain reliefs. Cost-competitive utility cable for applications ranging from general radiography to CT. Stocked 5' to 120'.

G Series

General purpose 0.845" diameter 4/C grid x-ray cable furnished with split strain relief mounting hardware kits that are assembled at installation. Small diameter flange allows easy installation through small openings. Type G cable rated at 100KV. Stocked in 15', 40', 60', and 65' lengths.

H Series

General purpose hiflex 0.710" diameter 4/C grid x-ray cable. Furnished with fixed molded or split strain relief mounting hardware kits that are assembled at installation.

I Series

Special purpose hiflex 0.710" diameter 4/C tri-focus x-ray cable. Furnished with fixed molded or split strain relief mounting hardware kits that are assembled at installation. 4/C plugs can be grid or symmetrical style.



Type M 0.785" dia. cable assembly with 3-pin federal terminal with straight split strain relief. 90-deg split strain relief also available.



Global Type P 0.635" dia. cable assembly with 3-pin wide-flange federal terminal with fixed molded strain relief.



GE AMX cable assembly with 3-pin wide-flange federal terminals with fixed molded 45-deg strain reliefs.

H1147 P1: GE AMX 110, II, III 0.785" dia. ~12'

H1147 P2: GE AMX 0.785" dia. ~10'

H1147 P3: GE AMX 110, II, III 0.635" dia. ~12'

H1147 P4: GE AMX IV 0.785" dia. ~12.5'

H1157 P5: GE AMX IV+ 0.635" dia. ~16'

CT3 Series

High voltage CT cable suitable for a variety of CT and test applications. Type M high voltage cable assembled with 3-pin federal standard terminals with wide flange, rugged strain relief and extended knurl spanner retaining nuts. Typically stocked in 10', 29', 50', 60' and 70' lengths.

CT4 Series

High voltage CT cable suitable for a variety of CT and test applications. Type G high voltage cable assembled with 4-pin grid terminals with wide flange, rugged strain relief and extended knurl spanner retaining nuts. Typically stocked in 50', 60' and 70' lengths.

H149 Series

High voltage 11-foot cables for Toshiba CD equipment. H149 P1 anode cable is assembled with 3/C Type M cable and 3-pin federal terminal with hardware kit. H149 P2 cathode cable is assembled with 4/C Type G cable with special wiring specification to 3-pin federal terminal with hardware kit.

H150 Series

High voltage cables with split mounting hardware (typically supplied with one straight and one 90-deg split strain relief) for GE AMX portable units. H1147 Series with molded 45-deg strain reliefs is standard style for AMX portables.

H305 Series

High voltage test cable assembled with 100KV 3- or 4-conductor cable, large flange oil seal plugs, rugged strain reliefs and plated steel retaining ring nuts for repeated engagement. Used in tube test rooms of major tube manufacturers.

H445 Series

High voltage 11-foot cables for Hitachi/Shimadzu CD equipment. H445 P1 anode cable is assembled with 3/C Type M cable and 3-pin federal terminal with hardware kit. H445 P2 cathode cable is assembled with 4/C Type G cable with special wiring specification to 3-pin federal terminal with hardware kit.

H496 Series

H496 5-foot jumper cables are designed for use with high voltage divider and dynalyzer test instruments. They feature grease or oil seal terminal plugs, rugged strain reliefs and permanently attached hardware. H496 P1-P3 types are stocked for immediate shipment.

H496 P1: skirted retaining nuts

H496 P2: steel spanner retaining nuts

H496 P3: extended knurl spanner retaining nuts

H733 Series

High voltage CT cable for GE CT Max, Pace and Sytec. Federal standard 3-pin oil seal plugs assembled on Type P 0.635" low-noise cable. Fixed 45-deg molded strain reliefs with spanner style retaining ring nut. Stocked in 16, 18, 20, 22 and 24-meter lengths.

H1055 Series

GE style cables with wide flange plugs for grease or oil seal connection with fixed molded 45-deg elbow strain reliefs and spanner style retaining ring nuts. H1055 P1 is Type M 3/C style with 3-pin terminals. H1055 P2 is Type G 4/C style with 4-pin grid terminals. H1055 P1 is stocked in 7', 40', 45', 60', 65', 70' and 80' lengths. H1055 P2 is stocked in 60' and 80' lengths.

H1147 Series

GE AMX cable with wide flange plugs for grease or oil seal connection. Fixed molded 45-deg elbow strain reliefs with spanner style retaining ring nuts. H1147 P1-P5 types are stocked for immediate shipment.