

414 OR Boom Cabling System for routing analog ECG and IBP signals through the operating room booms.

Kit includes two custom stainless steel duplex cover plates and 100 feet of plenum* rated shielded cable.

The monitor side has one (1) 1/4" 3 ckt isolated phone jack and the remote side has (4) 1/4" 2 Ckt isolated phone jacks (3 **ECG** and one **IBP**) all clearly identified with **green color for ECG** and **red color for IBP**. The Monitor Remote Analog Output plate is prewired and Includes Instructions for wiring the monitor side plate. The standard cable Length is 100 feet.

Part Number ME590414

(Cables listed below need to be ordered separately. A typical system [less install labor] with defibrillator, balloon pump and ultrasound cables costs slightly over \$1000.)



Part Number	Cable From the Monitor to the ME590414 Plate
ME590410F	GE All with 7 pin Mini DIN analog output (X7)
ME590410P	GE PDM module
ME590410L	GE/Marquette 6 pin LEMO
ME590410	GE/Datex S/5 4 pin LEMO
ME590410E	Philips/HP Monitor, 1/4" ECG , 1/8" IBP bifurcated
ME590410H	Siemens SC7000/9000XL or Draeger Delta/Delta XL (14 pin MDR) <i>NOT Axiom Sensis</i>
ME590410S	Spacelabs Monitor, TT253 ECG and TT253 IBP bifurcated.
ME590410Q	GE/Marquette Monitor TRAM Rac 4A (DB15).

* The plenum is an open space found above a building's dropped ceilings. Any cables which are being routed through above-ceiling air circulation spaces are therefore known as plenum cables, and need to adhere to special fire-safety standards.

According to Article 800 of the National Electrical Code (NEC), plenum cables must comply with the specifications for flammability and smoke density outlined in Underwriters Laboratories (UL) and National Fire Protection Association (NFPA) testing methods.

Plenum-rated cables are distinguished from other types of cabling by the special types of plastics used in their jackets. Because plenum cables are routed through air circulation spaces which contain very few fire barriers, they need to be coated in flame-retardant, low smoke materials such as polyvinyl chloride (PVC), fluorinated ethylene polymer (FEP), or a polyolefin. These plastics offer good resistance against fire, and in the event that they do begin to burn, they will not emit large quantities of harmful fumes.

Part Number	Cables for Use from ME590414 to Devices listed below
ME590335	AAMI 6 Pin (Zoll Defibs)
ME590265P	Balloon Pumps
ME5900132	GE/Marquette & Vivid 5 & Vivid 7 Ultrasounds
ME590151R	GE/Marquette Vivid 3 Ultrasound 2 Pin Redel AUX ECG Input
ME590132F	GE/Marquette Vivid i Ultrasound
ME590006K	LIFEPAK 12, 15 or 20 Defibrillators
ME590010X	Philips/HP 12 Pin patient input (Defibrillator)
ME590338J	Ultrasounds (Philips or Acuson) Auxiliary ECG input

