

1. Select the yoke type; E100 type yoke for one piece yoke with fixed leads, E101 type yoke for detachable form with replaceable leads. E103 & E104 type trunk cables are specially designed for replacement of GE MULTI-LINK EKG cables. E105 type trunk cables are for replacement of new system PHILIPS cables. FMT E100, E101, E103, E104 and E105 series EKG cables have 1.80 m trunk cable (Ø7.6 mm), 80 cm chest and 100 cm limb leads (Ø3.0 mm). Other lengths are available upon request.



2. Select the monitor side connector and compatible brand.

| | | | | |
|---|---|---------|--------|--|
|  15 pin D-sub connector with screws |  | E100/DN | - | Philips/HP M1770A(Pagewriter 200i-300i), M1771A (Pagewriter 200), M1772A (Pagewriter 100), Cable OEM M3703C . Bionet All Models. BTL All Models. Aspel All Models. Innomed All Models. Mortara ELI150, ELI210, ELI250, ELI350. |
| | | E100/DR | 10 kΩ | |
| | | E101/DN | - | |
| | | E101/DR | 10 kΩ | |
|  15 pin D-sub connector with screws and raise |  | E100/SN | - | Schiller AT, AT1, AT2, AT3, AT5, AT6, AT10, AT60, A104 PC, CS100, CS6, CS6/12, AT101, AT102, AT104. Esaote P80, P120. Kontron P80. |
| | | E100/SR | 10 kΩ | |
| | | E101/SN | - | |
| | | E101/SR | 10 kΩ | |
|  15 pin D-sub connector with screws |  | E100/NN | - | Nihon Kohden Cardiofax C6151, 6353, 8270, 8350, 8370, 8420, 8423, 8450, 8453, 8820, 8823, 8830, 9620, 9010, 9020, 9022, 9110, 9130, 9132. Dong Jiang All Models. Biocare All Models. Cardioline AR600, AR1200, ELAN, ELAN1100, Cardiette Excel 103, 106, 112, 212, Deadalus Models, Microruler & Autoruler Models. |
| | | E100/NR | 10 kΩ | |
| | | E101/NN | - | |
| | | E101/NR | 10 kΩ | |
|  15 pin D-sub connector without screws |  | E100/GN | - | GE Microsmart, MAC500 MAC1000, MAC1200ST, MAC400, MAC600, MAC800, MAC1600. |
| | | E101/GN | - | |
| | | E103/GN | - | |
|  15 pin D-sub connector with screws |  | E100/ER | 10 kΩ | Edan SE-601, SE12 Express, SE12, SE1200-Express, SE-3, SE1. Mindray DECG-03A |
| | | E101/ER | 10 kΩ | |
|  16 pin circular connector |  | E100/CN | - | Cardioline Delta 1, 3, 30, 60, Delta1plus, Delta3plus, Delta60plus. Suzuken Kenz 103, 106. |
| | | E100/CR | 4.7 kΩ | |
| | | E101/CN | - | |
| | | E101/CR | 4.7 kΩ | |




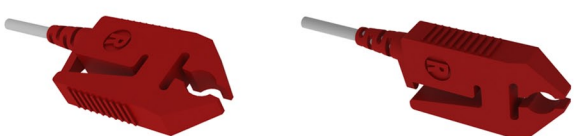
2. Select the monitor side connector and compatible brand. (Continued)

| | | | |
|--|---------|-------|--|
|   <p>15 pin D-sub connector with latch on the top</p> | E100/KN | - | Fukuda ME KP-5000 |
| | E100/KR | 10 kΩ | |
| | E101/KN | - | |
| | E101/KR | 10 kΩ | |
|   <p>15 pin D-sub connector with 45 degree angle and locking plastics latch</p> | E100/HN | - | Bosch 603D, 603ER, 603S, 606. Customed Hellige EK36, EK41, EK43, EK53, EK56, EK403, 413, 512, E512P, Cardiosmart, Cardiosys. Siemens Sinecard 440/440S, 460/460S, 740, Sieneg, Sinecard 803, Sinecust 701, Cathcor, Cardiostat 1,3T, 703, 710, Cardinex 3T, 4, 6T, 703, 710, Megacard Elema A13, R, R/E, Miracard1. Hermann Bioset9000. |
| | E100/HR | 10 kΩ | |
| | E101/HN | - | |
| | E101/HR | 10 kΩ | |
|   <p>15 pin D-sub connector with locking metal latch</p> | E100/FN | - | Fukuda Denshi Autocardiner, Cardiomax, FX2111, FX7411, FX7402, FX7202, FX2155, FX3010, FX7102. |
| | E100/FR | 10 kΩ | |
| | E101/FN | - | |
| | E101/FR | 10 kΩ | |
|   <p>15 pin D-sub connector with locking plastics latch</p> | E100/MN | - | Mortara ELI 150, ELI100, ELI200 |
| | E100/MR | 10 kΩ | |
| | E101/MN | - | |
| | E101/MR | 10 kΩ | |
|   <p>12 pin circular connector</p> | E100/LN | - | PETAŞ Kardiopet 300,500 |
| | E101/LN | - | |
|   <p>11 pin rectangular connector</p> | E100/BN | - | GE Solar 7000/8000/9500, DASH 2500, 3000, 4000, 5000, Eagle 500, 1000, 3000, 5000, BP30, Dinamap PRO 1000, MAC-Lab, Tram Modules. |
| | E101/BN | - | |
| | E104/BN | - | |
|   <p>17 pin circular connector</p> | E100/TR | 1 kΩ | Spacelabs Ultraview 90496 |
| | E101/TR | 1 kΩ | |
|   <p>12 pin circular connector</p> | E100/YR | 10 kΩ | Fukuda Denshi DS7300 |
| | E101/YR | 10 kΩ | |
|   <p>15 pin D-sub female connector with screws</p> | E100/ZR | 10 kΩ | TEPA All Stress Tests |
| | E101/ZR | 10 kΩ | |

2. Select the monitor side connector and compatible brand. (Continued)

| | | | | |
|---|---|---------|----------|---|
|  15 pin D-sub connector without screws |  | E100/JR | 10 kΩ | Burdick <i>Eclise, 4, 8, 400, 800, LE11, 850, 8501, Eclipse Plus, ATRIA, ATRIA PLUS, ATRIA 3000.</i> |
| | | E101/JR | 10 kΩ | |
|  15 pin D-sub connector with screws |  | E100/AR | 4.7 kΩ | Trismed <i>All Models.</i> |
| | | E101/AR | 4.7 kΩ | |
|  15 pin D-sub connector with screws |  | E100/ON | – | Carewell <i>ECG1101, 1103, 1106, 1112, T10, T12.</i> |
| | | E101/ON | – | |
|  12 pin circular connector |  | E100/RR | 10 kΩ | Medtronic Physio Control <i>Lifepack 12/20.</i> |
|  12 pin circular connector |  | E105/PR | 1–3,2 kΩ | Philips / HP <i>M1949A.</i> |
|  12 pin circular connector |  | E100/IR | 10 kΩ | Progetti <i>EPG View Defibrillator.</i> |

3. Select the patient end of the leadwires. “B” for 4.0 mm insulated banana, “P” for 3.2 mm straight pin, “S” for snap, “G” for grabber.

| | | |
|---|--|-------------------------|
| B |  | 4.0 mm Insulated Banana |
| P |  | 3.2 mm Straight Pin |
| S |  | Snap |
| G |  | Grabber |

4. Select the Color Coding. “A” for AHA color coding, “I” for IEC color coding.

5. Complete the part number by putting the desired parameters instead of variables shown by X

E1 XX / XXX / X

Yoke Type

- 00 E100 for yoke with fixed leadwires
- 01 E101 for yoke with detachable leadwires
- 03 E103 for yoke with detachable leadwires
- 04 E104 for yoke with detachable leadwires

Compatible Connector / Brand
A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, S, T, Y, Z

Resistor

- N for without resistor
- R for with resistor

Color Code

- I IEC color coding
- A AHA color coding

Patient End

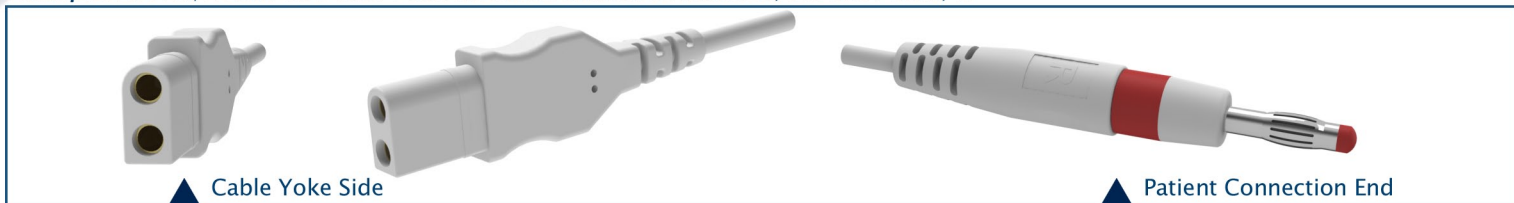
- B 4.0 mm isolated banana
- P 3.2 mm straight pin
- S Snap
- G Grabber
- 0 Yoke without leadwires

6. Replacement leadwires for E101 EKG cables can be bought separately. You can use below table for determining part numbers of E101 leadwires when ordering one by one or as a complete set. When ordering 10 leads complete set, please add 10 at the end of part number instead of XX (example: E101BI/10).

Example: E101SA/V6 Lead wire with snap termination, AHA color code, V6



Example: E101BI/R Lead wire with 4 mm insulated banana termination, IEC color code, R



7. Replacement leadwires for various ECG manufacturers are also available. You can use replacement leadwires E101 for Marquette – Hellige, E102 for Philips M3703C, E103 for Philips Trim Series, E104 for GE AM4 / AM5 module and E105 for GE AM6/ CAM14 module. E106 and E107 replacement leadwire sets can be used with GE MULTILINK EKG trunk cables.

X is the variable which shows yoke side end; 1, 2, 3, 4 or 5, XX shows derivation name. Using 10 instead of XX shows complete 10 leads set). E106 and E107 replacement leadwires are in one piece form with fixed derivation names. Because of this it is not necessary to indicate XX derivation names.

You can use below table for determining part numbers of leadwires when ordering one by one or as a complete set. When ordering 10 leads complete set, please add 10 at the end of part number instead of XX (example: E102GI/10). When ordering E106, E107, E108, E109, E110, E111 sets, please add 5 at the end of part number instead of XX (example: E109GI/5).

| | | | | |
|-----------|----------------------|-----|-------------------------------------|------|
| E10XBI/XX | 4 mm isolated Banana | IEC | R, N, F, L (1.0 m) | } 10 |
| E10XSI/XX | Snap | | C1, C2, C3, C4, C5 ve C6 (0.8 m) | |
| E10XGI/XX | Grabber | | | |
| E10XPI/XX | 3.2 mm Straight Pin | | | |
| E10XBA/XX | 4 mm isolated Banana | AHA | RA, RL, LA, LL (1.0 m) | } 10 |
| E10XSA/XX | Snap | | V1, V2, V3, V4, V5 ve V6 (0.8 m) | |
| E10XGA/XX | Grabber | | | |
| E10XPA/XX | 3.2 mm Straight Pin | | | |

Ledwires & Group Leadwires for Replacement

▼ Cable Yoke Side End

▼ Patient End



Leadwire end for E102XX/X Philips M3703C EKG module.
Philips M17163 cable, T30, TC60, TC70.

Example: E102G/R leadwire with graber end, IEC color code, R



Leadwire end for E103XX/X Philips Trim EKG module.
Philips Pagewriter Trim 1, 2, 3, Pagewriter Touch.

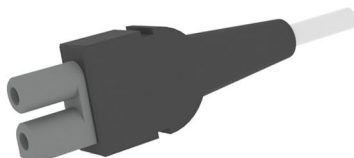
Example: E103S/F leadwire with snap end, IEC color code, F



Leadwire end for E104XX/X GE AM4/AM5 EKG module.

Example: E104SA/V6 leadwire with snap end, AHA color code, V6

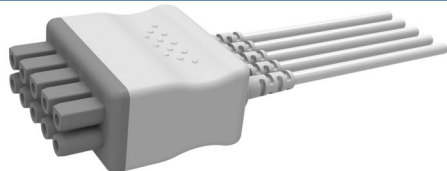
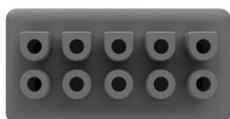
GE MACPC, MAC6, MAC12, MAC15, MACVU, CASE12, CASE15, CASE16, MAX PERSONAL, MAX-1, CENTRA (AM4-AM5 acquisition modules)



Leadwire end for E105XX/X GE AM6/CAM14 module.

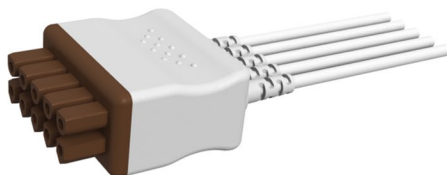
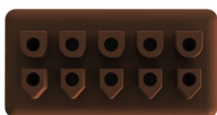
Example: E105BI/R leadwire with banana end, IEC color code, R

GE MAC1100, MAC1200, 1200ST, MAC5000, MAC5000ST, CASE8000 (CAM 14 acquisition module or GE E9002ZH cable) 12SL cable (C1-C5)



Grouped leadwire end for E106XX/5 GE Multi-Link 12 SL Example: E106SI/5 Leadwire set with snap end, IEC color code, (R, N, L, F, C1)

GE Eagle 1000/3000/5000, Solar 8000/9500, Dash 1000/2500/4000/5000, TRAM 100/200/300/400/500 module, MAC-LAB. 12SL kablo (C1-C5)



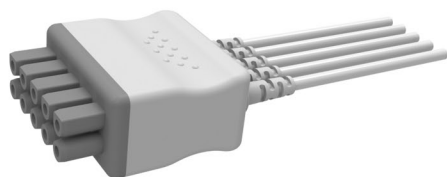
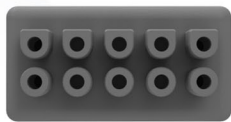
Grouped leadwire end for E107XX/5 GE Multi-Link 12 SL Example: E107SI/5 Leadwire set with 5 snap end, IEC color code, (C2, C3, C4, C5, C6)

GE 12 SL compatible. (C6, R, L, N, F)

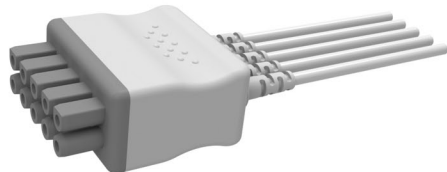
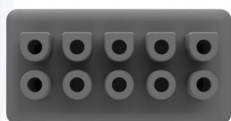
Leadwires & Group Leadwires for Replacement (Continued)

▼ Cable Yoke Side End

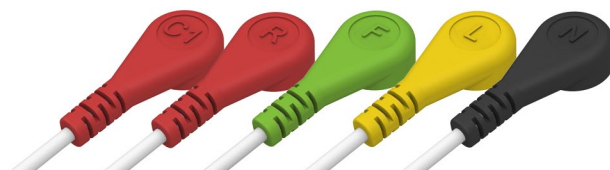
▼ Patient End



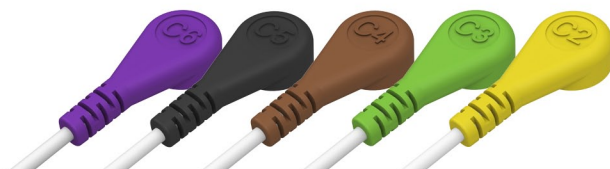
E108XX/5 Grouped Leadwire for GE Multi-Link MAC 500 / 1100 *Example: E108SI/5 leadwire set with 5 snap end, IEC color code, (N,R,C1,C2,C3)*
GE Medical MAC 400/600/800/1200/1600, GE Multi-Link cable compatible.



E109XX/5 Grouped Leadwire for GE Multi-Link MAC 500 / 1100 *Example: E109SI/5 leadwire set with 5 snap end, IEC color code, (C4,C5,C6,L,F)*
GE Medical Mac 500/1100 compatible.



E110XX/5 Grouped Leadwire for Philips M1949A *Example: E110SI/5 leadwire set with 5 snap end, IEC color code, (C1,R,F,L,N)*
Philips / HP M1949A compatible.



E111 Grouped Leadwire for Philips M1949A *Example: E111SI/5 leadwire set with 5 snap end, IEC color code, (C6,C5,C4,C3,C2)*
Philips / HP M1949A compatible.



E112 Leadwire for Norav 1200W module *Example: E112S/F snap end leadwire, IEC color code, F*
Norav 1200W compatible.

Diagnostic EKG Accessories

CLAMP ELECTRODES

FMT clamp electrodes with universal connection are suitable for use with 3.2 mm straight pin, 4.0 mm banana or snap lead termination leadwires.

All of the metallic surfaces of FMT clamp electrodes are Silver -Silver Chloride (Ag/AgCl) plated to provide maximum signal quality.

FMT clamp electrodes are color coded IEC or AHA protocols. (IEC Color Code: Red, Green, Yellow, Black and AHA Color Code: Red, Green, White, Black)

The lengths of clamp electrodes are 140 mm for adult size, 89 mm for pediatric size.

FMT clamp electrodes supplied in package of 4 pieces set.

| | | | |
|-----------|-----|--------------|---|
| Adult | IEC | CEAI1 | Package 4 pcs./set, Red, Green, Yellow, Black |
| Adult | AHA | CEAA1 | Package 4 pcs./set, Red, Green, White, Black |
| Pediatric | IEC | CEAI2 | Package 4 pcs./set, Red, Green, Yellow, Black |
| Pediatric | AHA | CEAA2 | Package 4 pcs./set, Red, Green, White, Black |



SUCTION CHEST ELECTRODE

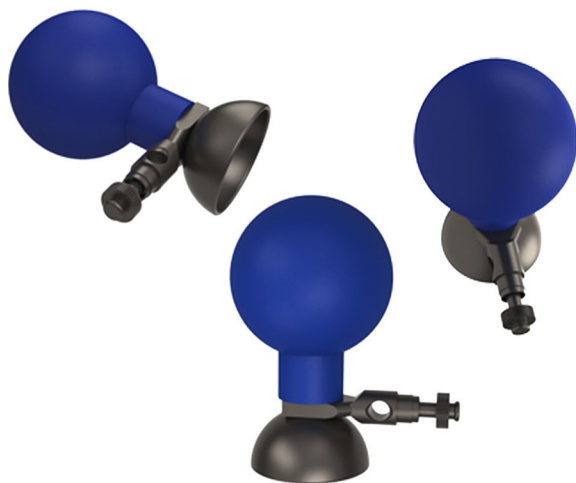
FMT suction chest electrodes with universal connection, are suitable for use with 3.2 mm straight pin, 4.0 mm banana or snap lead termination leadwires.

All of the metallic surfaces of FMT suction chest electrodes are Silver-Silver Chloride (Ag/AgCl) plated to provide maximum signal quality.

The outer diameter of suction bowl is 24.5 mm. The outer diameter of the rubber bulb is 32.5 mm.

FMT suction chest electrodes supplied in package of 6 pieces set.

Adult **SE1** Package 6 pcs. /set

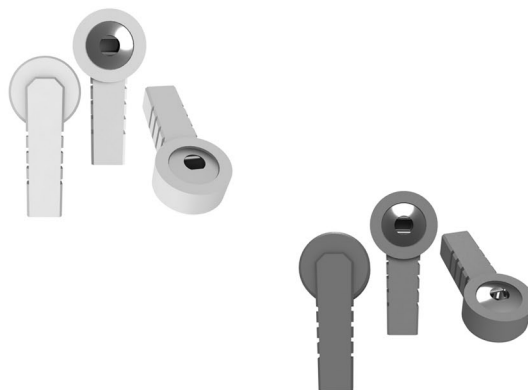


BANANA TO SNAP ADAPTOR

FMT medical grade Banana to Snap Adaptors allows you to easily connect 3.2 mm straight pin and 4.0 mm banana plug leadwires to disposable ECG electrodes with 4.0 mm snap studs.

FMT Banana to Snap Adaptors supplied in package of 10 pieces set.

BS3 3.2 mm straight pin to snap adaptor, Grey, Package 10 pcs./set
BS4 4.0 mm banana to snap adaptor, White, Package 10 pcs./set



Diagnostic EKG Accessories (Continued)

BANANA TO ALLIGATOR CLIP ADAPTOR

FMT medical grade Banana to Alligator Clip Adaptors allows you to easily connect 4.0 mm banana plug leadwires to disposable ECG electrodes with tab connectors.

FMT Banana to Alligator Clip Adaptors supplied in package of 10 pieces set.

BA4 4.0 mm banana to alligator adaptor, 10 pcs./set



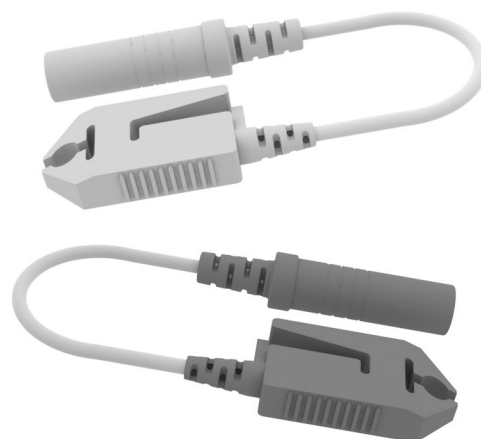
BANANA TO GRABBER ADAPTOR

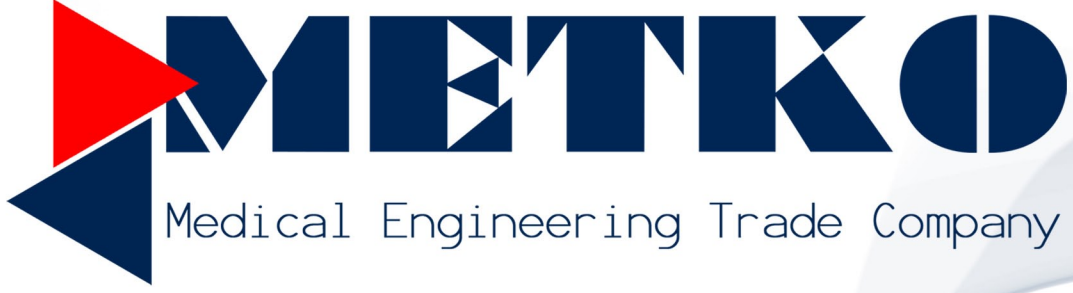
FMT medical grade Banana to Grabber Adaptors convert 3.2 mm straight pin and 4.0 mm banana plug leadwires to disposable ECG electrodes with 4.0 mm snap studs.

FMT Banana to Grabber Adaptors supplied in package of 10 pieces set.

BG3 3.2 mm straight pin to grabber adaptor, Grey, Package 10 pcs./set

BG4 4.0 mm banana to grabber adaptor, White, Package 10 pcs./set





HEADQUARTER & FACTORY

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