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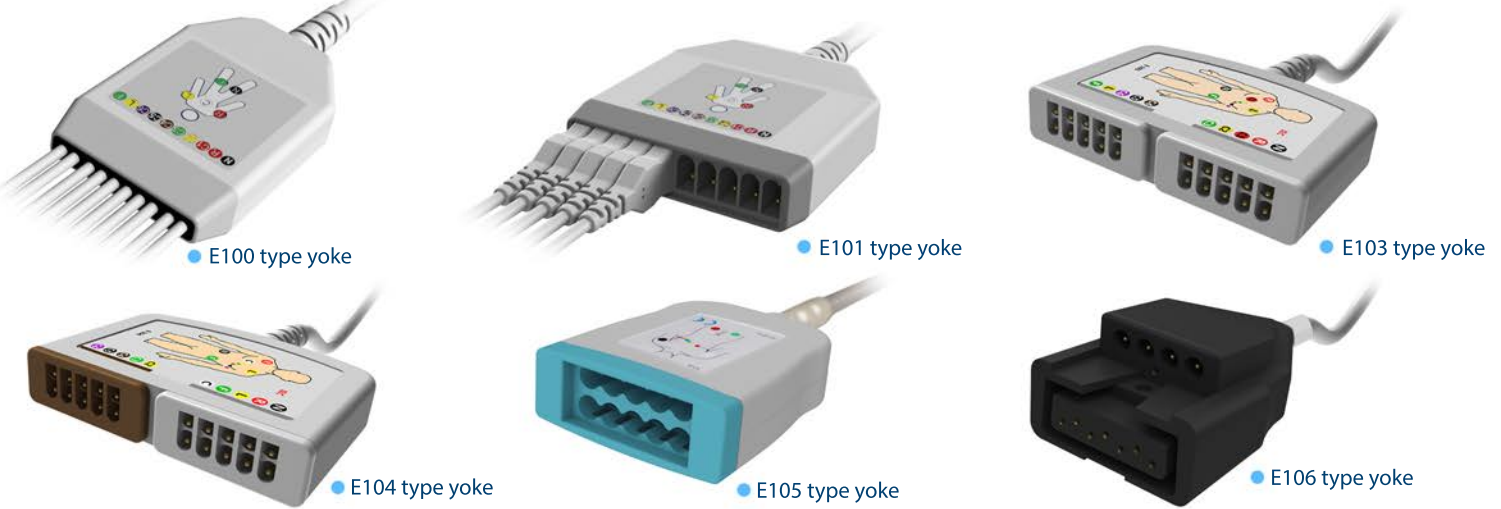
DIAGNOSTIC EKG CABLES & ACCESSORIES

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<http://www.metkold.com/eng/diag.html>

E100 type yoke is one piece yoke with fixed leads, E101 type yoke is detachable yoke with replaceable leads. E103 & E104 type trunk cables are specially designed for replacement of GE MULTI-LINK EKG cables. E105 type trunk cable is made for replacement of new system PHILIPS cables. E106 type trunk cable used for replacement of Medtronic / Physio Control 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.



E100 type yoke

E101 type yoke

E103 type yoke

E104 type yoke

E105 type yoke

E106 type yoke

Monitor side connector and compatible brand.

		E10X/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.
15 pin DB15 connector with screws		E10X/DR	10 kΩ	
		E10X/SR	10 kΩ	Schiller AT, AT1, AT2, AT3, AT5, AT6, AT10, AT60, A104 PC, CS100, CS6, CS6/12, AT101, AT102, AT104. Esote P80, P120. Kontron P80.
15 pin DB15 connector with screws		E10X/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. Cardiline AR600, AR1200, ELAN, ELAN1100, Cardiette Excel 103, 106, 112, 212, Deadalus Models, Microruler & Autoruler Models.
15 pin DB15 connector with screws		E10X/NR	10 kΩ	
		E10X/GN	-	GE Microsmart, MAC500 MAC1000, MAC1200ST, MAC400, MAC600, MAC800, MAC1600.
15 pin DB15 connector		E103/GN	-	
		E10X/ER	10 kΩ	Edan SE1200-Express, SE12, SE12 Express, SE-601, SE-3, SE1. Mindray DECG-03A.
15 pin DB15 connector with screws		E10X/CR	4.7 kΩ	Cardiline Delta 1, 3, 30, 60, Delta1plus, Delta3plus, Delta60plus. Suzuken Kenz 103, 106.
		E10X/CR	4.7 kΩ	
16 pin circular connector				





■ Monitor side connector and compatible brand.

		E10X/KR	10 kΩ	Fukuda ME KP-5000
15 pin D-sub connector with latch on the top				
		E10X/HR	10 kΩ	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.
15 pin D-sub connector with 45 degree angle and locking plastics latch				
		E10X/FN		Fukuda Denshi Autocardiner, Cardiomax, FX2111, FX7411, FX7402, FX7202, FX2155, FX3010, FX7102.
15 pin D-sub connector with locking metal latch		E10X/FR	10 kΩ	
		E10X/MR	10 kΩ	Mortara ELI 50, ELI 100, ELI 200
15 pin D-sub connector with locking plastics latch				
		E10X/LN		PETAŞ Kardiopet 300, 500
12 pin circular connector				
		E10X/BN		GE Solar 7000/8000/9500, DASH 2500, 3000, 4000, 5000, Eagle 500, 1000, 3000, 5000, BP30, Dinamap PRO 1000, MAC-Lab, Tram Modules.
11 pin rectangular connector		E104/BN		
		E10X/TR	1 kΩ	Spacelabs Ultraview 90496
17 pin circular connector				
		E10X/YR	10 kΩ	Fukuda Denshi DS7300
12 pin circular connector				
		E10X/ZR	10 kΩ	TEPA All Stress Tests
15 pin D-sub female connector with screws				

Monitor side connector and compatible brand.

		E10X/JR	10 k Ω	Burdick Eclipse, 4, 8, 400, 800, LE11, 850, 8501, Eclipse Plus, ATRIA, ATRIA PLUS, ATRIA 3000.
15 pin D-sub connector without screws				
		E10X/AR	4.7 k Ω	Trismed All Models.
15 pin D-sub connector with screws				
		E10X/ON	-	Carewell ECG1101, 1103, 1106, 1112, T10, T12.
15 pin D-sub connector with screws				
		E100/RR	10 k Ω	Medtronic Physio Control Lifepack 12/20.
12 pin circular connector		E106/RR	10 k Ω	
		E100/PR	1-3.2 k Ω	Philips / HP M1949A.
12 pin circular connector		E105/PR	1-3.2 k Ω	
		E10X/IR	10 k Ω	Progetti Rescue Life Defibrillator.
12 pin circular connector				

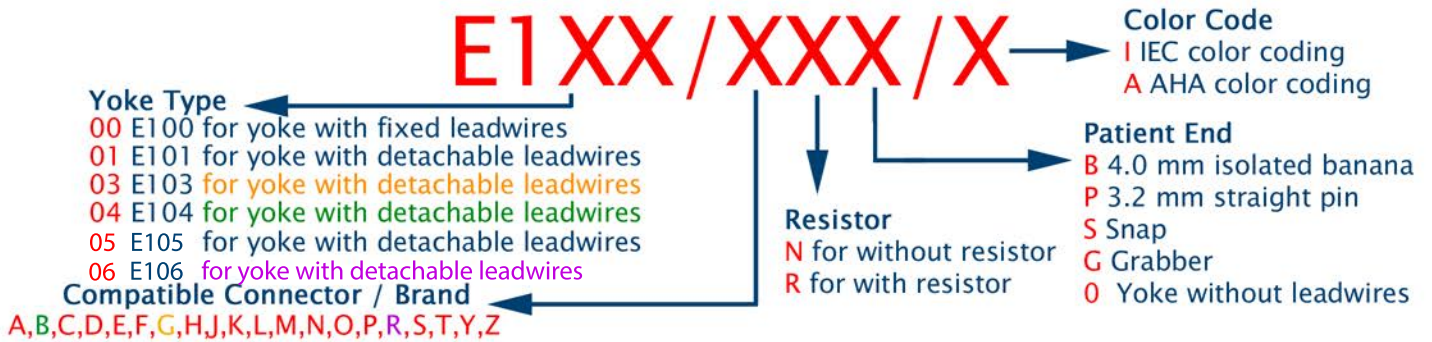
When Selecting the patient end of the leadwires use "B" for 4.0 mm insulated banana, "P" for 3.2 mm straight pin, "S" for snap, "G" for grabber.

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

**Manufactured upon request*

Please use "A" for AHA color coding, "I" for IEC color coding.

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

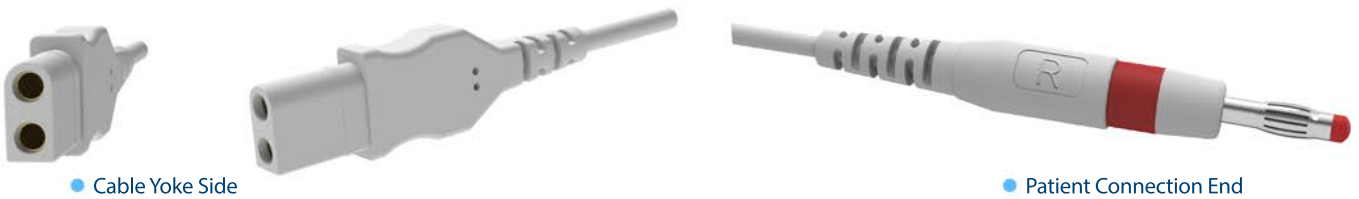


Replacement leadwires for E101 EKG cables can be bought separately. You can use below table for determining part numbers of E101 leadwires when ordering one by one or as a complete set. When ordering 10 leads complete set, please add 10 at the end of part number instead of XX (example: E101BI/10).

Example: E101SA/V6 Leadwire with snap end, AHA color code, V6



Example: E101BI/R Leadwire with 4 mm insulated banana end, IEC color code, R



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

Leadwires & 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/C5 leadwire with grabber end, IEC color code, C5



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

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



Leadwire end for E105XX/X GE AM6/CAM14 module.
GE MAC1100, MAC1200, 1200ST, MAC5000, MAC5000ST, CASE8000 (CAM 14 acquisition module or GE E9002ZH cable) 12SL cable (C1-C5)

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



Grouped leadwire end for E106XX/5 GE Multi-Link 12 SL
GE Eagle 1000/3000/5000, Solar 8000/9500, Dash 1000/2500/1000/5000, TRAM 100/200/300/400/500 module, MAC-LAB.

Example: E106SI/5 Leadwire set with snap end, IEC color code, (N,R,L,F,C)
12SL kablo (C1-C5)



Grouped leadwire end for E107XX/5 GE Multi-Link 12 SL
GE 12 SL compatible. (C6, R, L, N, F)

Example: E107SI/5 Leadwire set with 5 snap end, IEC color code (C2, C3, C4, C5, C6)



E108XX/5 Grouped Leadwire for GE Multi-Link MAC 500 / 1100
GE MAC 400/600/800/1200/1600, GE Multi-Link cable compatible.

Example: E108SI/5 leadwire set with 5 snap end, IEC color code (N,R,C1,C2,C3)

Leadwires & Group Leadwires for Replacement

Cable Yoke Side End

Patient End



E109XX/5 Grouped Leadwire for GE Multi-Link MAC 500 / 1100
GE Mac 500/1100 compatible.

Example: E109SI/5 leadwire set with 5 snap end, IEC color code (C4, C5, C6, L, F)



E110XX/5 Grouped Leadwire for Philips M1949A
Philips / HP M1949A compatible.

Example: E110SI/5 leadwire set with 5 snap end, IEC color code (C1, R, F, L, N)



E111XX/5 Grouped Leadwire for Philips M1949A
Philips / HP M1949A compatible.

Example: E111SI/5 leadwire set with 5 snap end, IEC color code (C6, C5, C4, C3, C2)



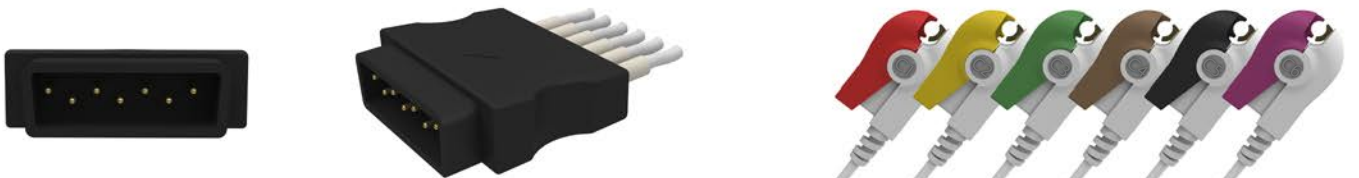
E112XX/X Leadwire for Norav 1200W module
Norav 1200W compatible.

Example: E112SI/F snap end leadwire, IEC color code (F)



E113XX/4 Grouped Leadwire for Medtronic / Physio Control Lifepak 12/20
Medtronic / Physio Control Lifepak 12/20 compatible.

Example: E113GI/4 grabber end leadwire, IEC color code (N, R, L, F)



E114XX/6 Grouped Leadwire for Medtronic / Physio Control Lifepak 12/20
Medtronic / Physio Control Lifepak 12/20 compatible.

Example: E114GI/6 grabber end leadwire, IEC color code (C1, C2, C3, C4, C5, C6)



E117XX/X Leadwire for Quinton Stress Test Module
Quinton Q3000, Q4000, Q4500, Q5000 compatible

Example: E117GI/G grabber end leadwire, IEC color code (R)

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 adult suction bowl is 24.0 mm. The outer diameter of the rubber bulb is 30.0 mm. The outer diameter of pediatric suction bowl is 17.2 mm. The outer diameter of the rubber bulb is 21.4 mm.

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

Adult	SE1	Package 6 pcs./set
Pediatric	SE2	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



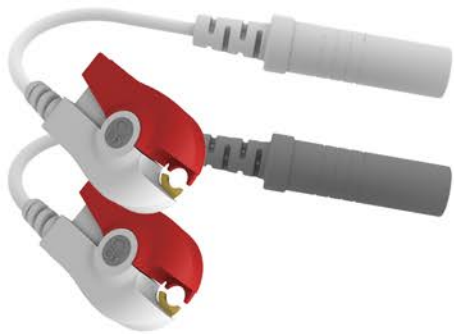
Diagnostic EKG Accessories

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

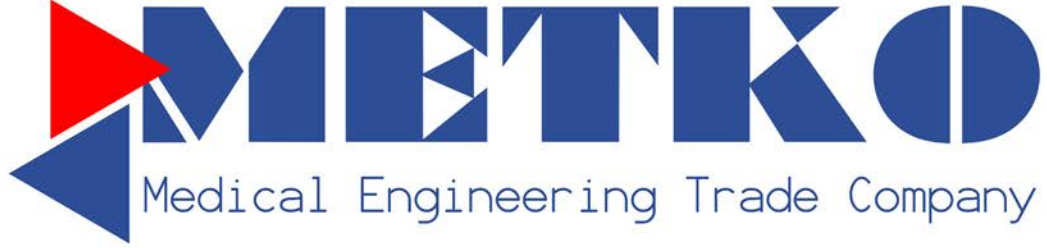


Banana to Grabber Adaptor

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/I | 3.2 mm straight pin to grabber adaptor, Grey, IEC color code, Package | 10 pcs./set |
| BG3/A | 3.2 mm straight pin to grabber adaptor, Grey, AHA color code, Package | 10 pcs./set |
| BG4 /I | 4.0 mm banana to grabber adaptor, White, IEC color code, Package | 10 pcs./set |
| BG4 /A | 4.0 mm banana to grabber adaptor, White, AHA color code, Package | 10 pcs./set |



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