



ECG CABLES AND LEADWIRES

ECG cables and leadwires transmit the electric signal from the patients to the ECG unit. They are used for diagnostic and monitoring purposes. The electronic signal (on the basis of which the ECG recording is made) depends heavily on the quality and the structure of the cables or leadwires. The cables are made of flexible material, ending in a suitable plug for the specific ECG device. At the patient's end there may be a plug, clamp or latch. The cable may also contain additional electronic elements such as: resistors, chokes and surge suppressors. The structure of the cables and leadwires is matched to the specific devices or the bulk cable they will be connected to. The cables and leadwires are used together with disposable and reusable ECG electrodes and ECG adaptors which connect the cable ending with a banana plug to the disposable ECG electrode.

We provide wide range of ECG accessories:

- ECG cables for monitoring, diagnosing and Holter examinations
- leadwires in DIN, VS, HP, SL switching systems
- all types of patient side endings: clamp, latch or banana plugs
- variety of ECG device plugs, compatible with the majority of devices on the market
- different lengths of cables and leadwires, and the possibility to order custom lengths
- the printing on the cable can be custom made as well
- specified products can be sterilized for use in operating rooms

The ECG devices that we offer apply in many clinical areas:

- during anesthesiological procedures
- at ICU's
- at cardiological units
- at post-operating units
- at stress test laboratories
- in medical transportation
- at private cardiological practice
- in every day-use environment

Accuracy and durability

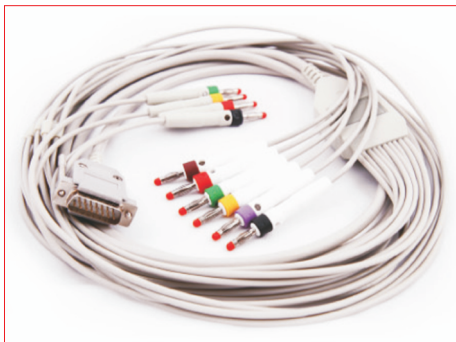
- handmade products, with quality control at every phase during production
- the quality and durability of our products are a result of 25 years' experience
- our shielded cables are made of low noise materials
- pins in the plugs are gold-plated ensuring constant voltage
- our attention to detail guarantees the highest quality of measurement

Safety

- the safe leadwire sockets prevent unintentional plugging into the electricity source
- the isolated banana plugs ensure the safety of the patient
- built-in resistors prevent the cable and the apparatus from damage
- the additional surge suppressor protects the cable and the device during defibrillation and prevents the possibility of the patient receiving an electric shock
- do not contain latex or PVC

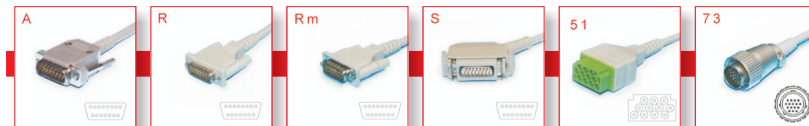
Convenience

- flexible, elastic and light cables ensure the patients' greater comfort
- flat surface makes cleaning easy
- clips prevent entangling, thus simplifying use.
- color-marked plugs, clamps and latches allow for easy identification
- readable labels placed on the cable connectors make it easier to locate the correct leads



ECG CABLES FOR DIAGNOSTICS

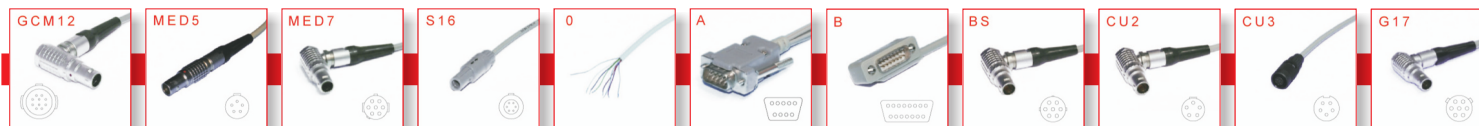
The ECG cables for diagnostics are designed to record the bioelectric heart rate during hospitalization and for the purpose of ambulatory use. Offered devices can be performed with protection against defibrillation impulse (KT cables), or without (KP, KB cables). The wide range of possible plugs makes our ECG cables compatible with the majority of ECG devices on the market. The ECG diagnostics cables have 10 leads: 6 precordial and 4 limbic ones.



ECG HOLTER CABLES

The ECG Holter cables are designed to transmit electric signals obtained from the patients body through electrodes, to the ECG apparatus that converts those signals. They are used while performing non-invasive, common examination, which is a diurnal ECG monitoring, which is to rate the heart electric activity during 24 hour period.

We offer both detachable and non-detachable cables. We produce cables with 3, 5, 7 and 10 ECG leads. Our wide range of plugs ensures our ECG cables are compatible with the majority of Holter devices on the market.



ECG CABLES FOR MONITORING



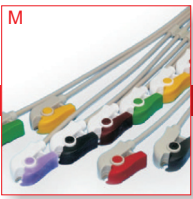
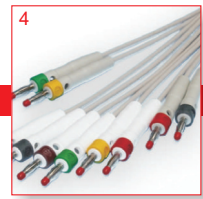
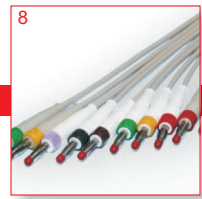
They are designed for monitors registrants to cardiac electrical activity of the patient's chest, in the form of tensions between the ECG electrodes. We offer cables in both detachable and non-detachable versions with 3,4 and 5 leads. The patients side can be ended with a banana plug, clamp or latch. Our wide range of plugs ensures our ECG cables are compatible with the majority of cardiomonitors used in medical institutions.













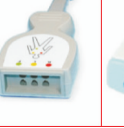




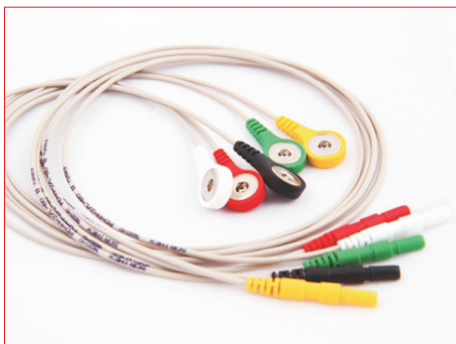
Patient side endings

Every non-detachable cable and connecting leadwire has one of the following patient side ending, that is used to connect them to the ECG electrodes.

photograph with product marker					
name of ending					
	latch	latch with label	clamp	4 mm small banana plug	4 mm banana plug with hole

Index of cables and connection types in our offer

	ECG cables for diagnostic			ECG Holter cables			ECG cables for monitoring						
overview	are used for recording bioelectric heart rate during hospitalization and for the purpose of ambulatory use			used during common examination, that is 24 hour ECG monitoring			are used for monitors registrants to cardiac electrical activity of the patient's chest, in the form of tensions between the ECG electrodes						
cable type and connection system	non-detachable			non-detachable		detachable DIN	non-detachable	detachable					
yoke marking	KT	KP	KB	KS	KH	KM	KB	DIN	VS	HP	SL	KN	ME
yoke photo													
patient side ending yoke marking	4, 8, H, H/e, M			H		see: leadwires	M, H	see: leadwires					
number of leads	10	10	10	4, 6, 7, 10	5, 7, 10	5, 7	3, 4, 5	3, 4, 5	3, 4, 5	3, 5	3, 5	3, 5	3, 5
compatibility	Aspel, Avionics/Del Mar, Biomedica, Bionet, BTL, Cardiette/Elettronica Trentina, Cambridge, Cardioline, Cardiorapid, Deigo, Ergoline, Esaote/Biomedica, Farum, GE Hellige, GE Marquette, Hewlett Packard, ITAM, Medea, Mortara, Oxford, Schiller, Schwarzer, Welch Allyn			Aspel, Biodata (Rozinn) Biosensor, Customed, DMS/USA-MED./Oxford, Getemed, Medset, Oxford, Rozinn, Schiller, Siemens, Welch Allyn, North East Monitoring			Agilent, Artema, ATL, BCI/Biochem International, Biazet, Bruker, Burdick, Colin, Criticon, Datascope, Elmed, Emtel, Fukuda, GE Critikon, GE Datex Ohmeda, GE Hellige, GE Marquette, Goldway, Igel, Mindray, Nellcor, Nihon Kohden, Philips Draeger, Philips Honeywell, Philips/HP/Agilent, Physio Control/Medtronic, Protocol Monitors, Schiller/Bruker, Siemens/Hellige/Draeger, S&W, Spacelabs, Temed, Vingmed, Welch Allyn, Zoll						



LEADWIRES

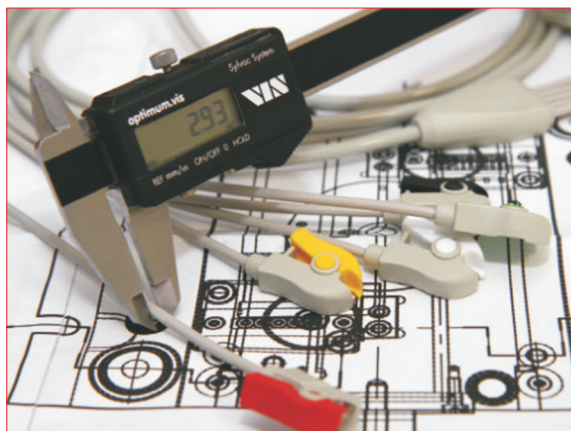
Leadwires are used to connect electrodes, attached to a patient's body, with a detachable ECG cable, or directly to the ECG device. We offer leadwires 18, 60, 70, 90 and 110 cm long to all detachable cables. The Patient's side of the cable be end with latch, clamp or banana plug.

We offer following endings from the yoke side of the cable:

leadwire destination	for KM cables	for KA cables	for KAD cables	for KAS cables	for KAK cables	for KAE cables	for cables with 4mm banana plugs	for cables with 2mm sockets	for "2d" ending cables
type of ending	2	2a	HP	SL	KN	ME	3	1	2d
type of connection	DIN	VS	HP	SL	KN	ME	n/a	n/a	n/a
photograph of the leadwire ending (from the side of the main cable)									

There is a possibility to build in resistors and chokes in the following leadwire connecting elements: clamps or latches.

Our company is open to cater to the needs of our customers and meet their demands by individualizing our products whenever necessary.



Note: The brand names of manufacturers and their products have been provided only for informative purposes.

