

## DATASHEET

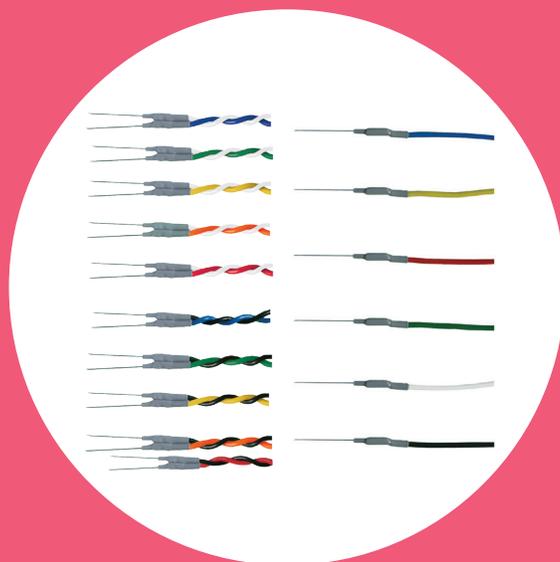
Ambu Neuroline Subdermal and Ambu Neuroline Twisted Pair Subdermal needles provide confidence and reliability, which is needed in the operating room. The needles have been optimized to provide effortless, secure recordings. The needles are made of solid stainless steel, which offer the combination of strength and flexibility.

Strength ensures that you quickly and efficiently penetrate the skin. In addition, the tip of the needle is sharpened with precision to an ultra sharp lancet cut for easy skin penetration.

The needles minimize interference and artifact. The Twisted Pair alternative is especially recommended for Intraoperative Monitoring recordings.

The lead wires are color-coded and are available in 20 different color combinations for easy placement identification. Each lead wire has a standard touch-proof safety connector.

# Ambu® Neuroline Subdermal and Ambu® Neuroline Twisted Pair Subdermal



## KEY BENEFITS

Lancet cut sharp tip for low penetration resistance

Low noise and impedance level giving you a clear and reliable signal

Stainless steel needle optimized between strength and flexibility

Color-coded soft lead wires

## INTENDED USE:

### Ambu Neuroline Subdermal

- Electroencephalography (EEG)
- Evoked Potentials (EP)
- Intra-Operative Monitoring (IOM)

### Ambu Neuroline Twisted Pair Subdermal

- Evoked Potentials (EP)
- Intra-Operative Monitoring (IOM)

# Ambu

## SPECIFICATIONS

### Environment

PVC-free electrode	No
Electrode made free of latex	Yes
PVC-free lead wire	No
Lead wire made free of latex	Yes
PVC-free packaging	Yes

## MATERIALS

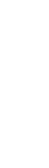
### Electrode Subdermal & Electrode Twisted Pair Subdermal

Needle	Stainless steel
Lead wire	Copper tinned wire with Polyvinyl chloride (PVC) insulation
Connection	Phosphor Bronze
Plastic protection	Polyethylene (PE)
Connector type	1.5 mm touch-proof (DIN 42 802)
Sterilization method	EO-sterilized

### Packaging

Pouches, transparent layer	Polyester (PET)
Pouches, centre layer	Polypropylene (PP)
Pouches, paper layer	Paper
Boxes	Cardboard

## AVAILABLE CONFIGURATIONS

Item no.	Lead wire length		Needle length		Caliber (mm)		Lead wire color	Shelf life in months (unopened pouches)	Packaging quantity per pack
	cm.	in.	cm.	in.	gauge no.				
Subdermal									
745 12-50/24	50	20"	12	0.5"	0.40	27G		60	34
745 12-100/24	100	40"	12	0.5"	0.40	27G		60	34
745 12-150/24	150	60"	12	0.5"	0.40	27G		60	34
745 12-250/24	250	100"	12	0.5"	0.40	27G		60	34
Twisted Pair Subdermal									
74612-100/1/20	100	40"	12	0.5"	0.40	27G		60	20
74612-150/1/20	150	60"	12	0.5"	0.40	27G		60	20
74612-200/1/20	200	80"	12	0.5"	0.40	27G		60	20
74612-250/1/20	250	100"	12	0.5"	0.40	27G		60	20
74612-100/2/20	100	40"	12	0.5"	0.40	27G		60	20
74612-150/2/20	150	60"	12	0.5"	0.40	27G		60	20
74612-200/2/20	200	80"	12	0.5"	0.40	27G		60	20
74612-250/2/20	250	100"	12	0.5"	0.40	27G		60	20

Leadwire colors: 2 different kits each with 5 different colors paired with a black lead wire and the same 5 colors paired with a white lead wire. Each box contains 2 pieces of each pair.

## Directions

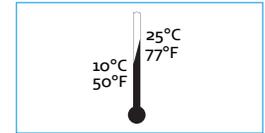
1. Peel the sterile pouch open and remove the single patient needle electrode.
2. Connect the single patient needle electrode to the equipment.
3. Remove the protective tube.
4. After use, dispose of the needle electrode in a designated container. The needle electrodes are for single patient use only. However, the electrodes may be used more than once on the patient during the examination.

## Precautions

Single Patient needle electrodes are for single patient use only. Do not re-use or re-sterilize.



M = 1.5 mm



Storage temperature



Ambu, Inc.  
6721 Columbia Gateway Drive  
Suite 200  
Columbia, MD 21046  
Tel. 800 262 8462  
Fax 800 262 8673  
ambuUSA.com

Questions? Contact your Ambu representative at **800-262-8462** or visit **ambuUSA.com**



LBL - 006938 - V02 - 03/2023 - Ambu USA. Technical data may be modified without further notice.