

# INTEGRA™ BRAIN MAPPING

PRODUCT CATALOGUE

*Innovations. For Life.*



 **INTEGRA™**



BRAIN  
MAPPING

# Ordering and Warranty Information

## Pricing:

Prices stated in specific written quotations are firm for thirty days from the date given, and are otherwise subject to change without prior notice. Pricing terms stated on written agreements are governed by such agreements.

## Minimum Order Requirements:

Minimum order requirement is €250 (a €20 handling charge will be added to any order under €250).

## Ordering Procedure:

A written purchase order on the customer's form may be requested for purchases of Integra LifeSciences products.

## Acceptance of Orders:

Orders are accepted upon approval by Integra Customer Service.

## Return Policy:

- Authorization from customer service must be obtained prior to returning product.
- Sterile product must be returned in unopened, undamaged cartons, packed to prevent damage.
- Non-sterile product must be returned in unused saleable condition in original package.
- Custom or special order products will not be accepted for credit.
- Credit will be issued for goods returned prior to ninety days from ship date with a 20% restocking charge. This assumes that the product returned is not damaged and can be verified to have not been used or opened.

## Integra Limited Warranty

INTEGRA LIFESCIENCES CORPORATION and its wholly owned subsidiaries («INTEGRA») warrant to INTEGRA authorized distributors and the original purchaser only that each new INTEGRA product is free from manufacturing defects in material and workmanship under normal use and service for a period of two (2) years (except as otherwise expressly provided as to accessory items) from the date of delivery by INTEGRA (or its authorized distributor) to the original purchaser, but in no event beyond the expiration date stated on any product labeling. For purposes of products sold by INTEGRA through an authorized distributor of INTEGRA, «original purchaser» shall include the purchaser of INTEGRA products to whom the distributor first sells the product.

Surgical instruments are guaranteed to be free from defects in material and workmanship when maintained and cleaned properly and used normally for their intended purpose.

Any covered product that is placed by INTEGRA under a lease, rental or installment purchase agreement and that requires repair service during the term of such placement agreement shall be repaired in accordance with the terms of such agreement.

If any covered defect occurs during the warranty period or term of such placement agreement, the purchaser or distributor should communicate directly with INTEGRA. If purchaser or distributor seeks to invoke the terms of this warranty, the product must be returned to INTEGRA. The defective product should be returned promptly, properly packaged and postage prepaid. Loss or damage in return shipment to INTEGRA shall be at sender's risk. INTEGRA's sole responsibility under this warranty shall be repair or replacement, at INTEGRA's sole discretion at INTEGRA's expense, subject to the terms of this warranty and applicable agreements.

IN NO EVENT SHALL INTEGRA BE LIABLE FOR ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES IN CONNECTION WITH THE ACQUISITION OR USE OF ANY INTEGRA PRODUCT. Further, this warranty shall not apply to, and INTEGRA shall not be responsible for, any loss arising in connection with the purchase or use of any INTEGRA product that has been repaired by anyone other than an authorized INTEGRA service representative or altered in any way so as, in INTEGRA's judgment, to affect its stability or reliability, or which has been subject to misuse, negligence or accident, or which has been used otherwise than in accordance with the instructions furnished by INTEGRA.

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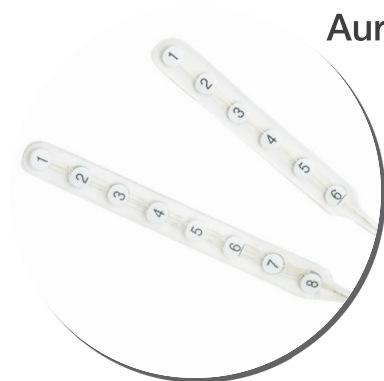
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# Strip Electrodes

## Auragen™ Cortical Strip Electrode with Cylindrical Connector

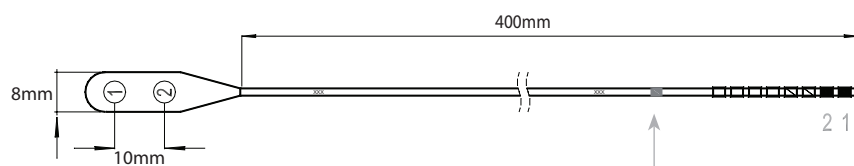


Auragen™ cortical strip electrodes are extra thin and flexible to facilitate intracranial placement through a burr hole. The narrow cylindrical connector design simplifies tunneling, using a 14G tunneling needle, and enables quick and secure attachment to the patented connection system. They are available with Auragen™ contacts. Contacts are dimpled for maximum contact with cortex.

### 2 Contact Electrode

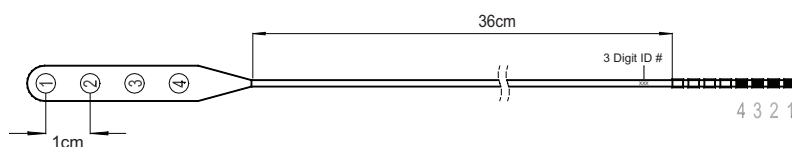
Catalog No.	Specifications
<b>AU1X2P</b>	2 AURAGEN™ CONTACTS CABLE: ECCFS02

Color coding for better identification



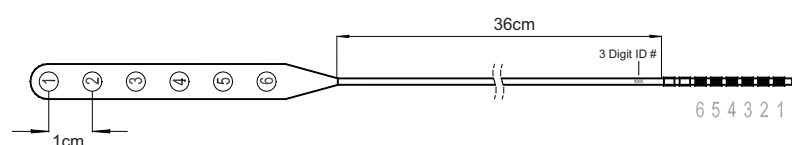
### 4 Contact Electrode

Catalog No.	Specifications
<b>AU1X4P</b>	4 AURAGEN™ CONTACTS CABLE: ECCFS04



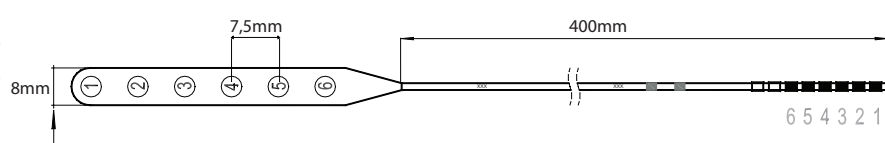
### 6 Contact Electrode

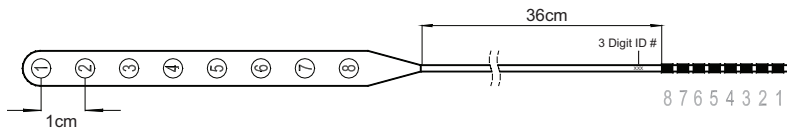
Catalog No.	Specifications
<b>AU1X6P</b>	6 AURAGEN™ CONTACTS CABLE: ECCFS06



### 6 Contact Electrode • 7,5mm contact spacing

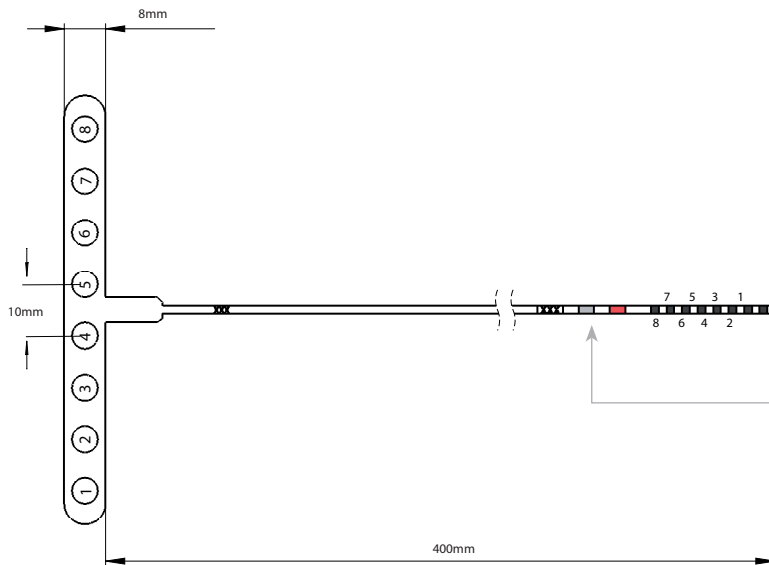
Catalog No.	Specifications
<b>AU1X6PM75</b>	6 AURAGEN™ CONTACTS CABLE: ECCFS06





## 8 Contact Electrode

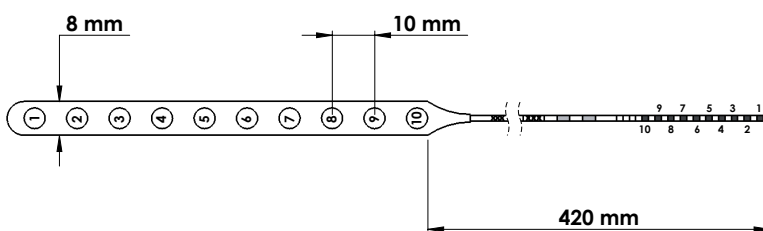
Catalog No.	Specifications
<b>AU1X8P</b>	8 AURAGEN™ CONTACTS CABLE: ECCFS08



## 8 Contact Electrode

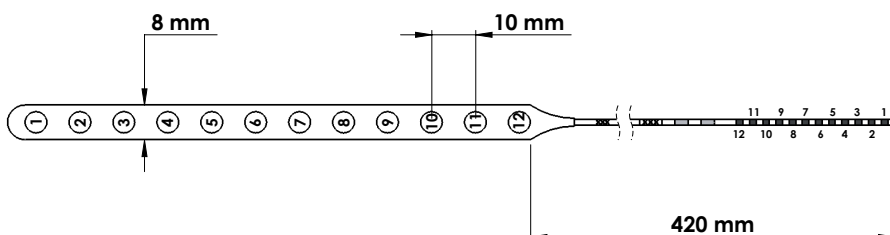
Catalog No.	Specifications
<b>AU8X1P</b>	8 AURAGEN™ CONTACTS CABLE: ECCFS08

Color coding for better identification



## 10 Contact Electrode

Catalog No.	Specifications
<b>AU1X10P</b>	10 AURAGEN™ CONTACTS CABLE: ECCFS10



## 12 Contact Electrode

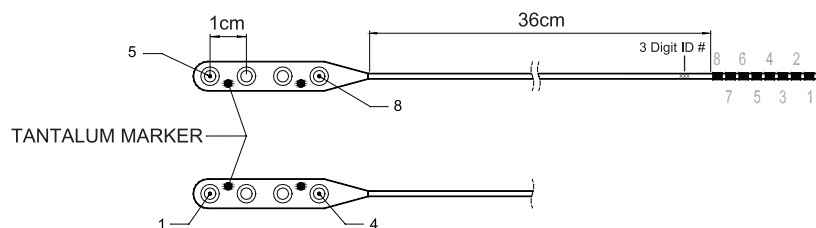
Catalog No.	Specifications
<b>AU1X12P</b>	12 AURAGEN™ CONTACTS CABLE: ECCFS12

# Strip Electrodes

## Auragen™ Dual-Sided Cortical Strip Electrode with Cylindrical Connector

### 8 Contact Electrode

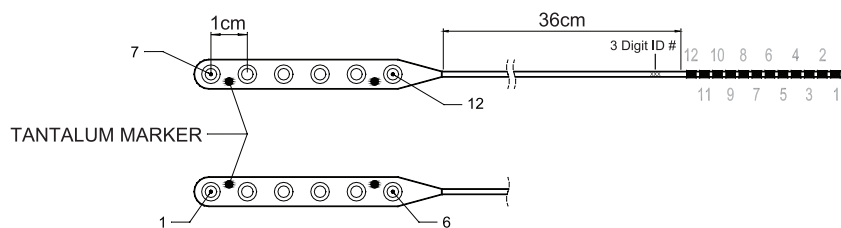
Catalog No.	Specifications
<b>AU1X4PD</b>	8 AURAGEN™ CONTACTS CABLE: ECCFS08



Contact exposures are shown facing up

### 12 Contact Electrode

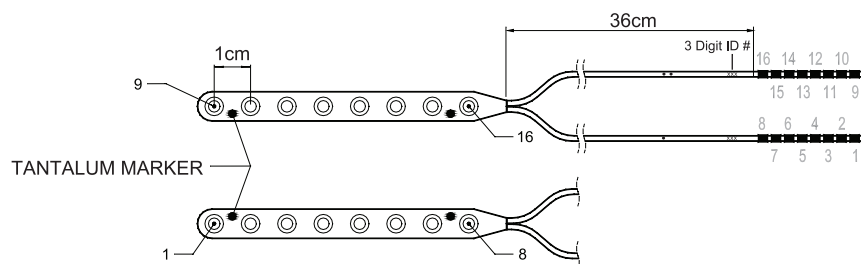
Catalog No.	Specifications
<b>AU1X6PD</b>	12 AURAGEN™ CONTACTS CABLE: ECCFS12



Contact exposures are shown facing up

### 16 Contact Electrode

Catalog No.	Specifications
<b>AU1X8PD2</b>	16 AURAGEN™ CONTACTS CABLE: ECCFS16

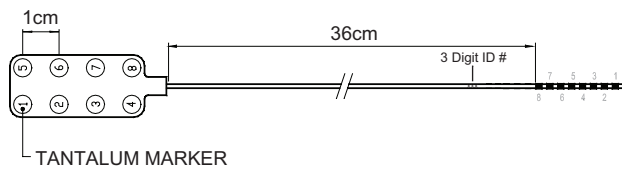


Contact exposures are shown facing up

## Auragen™ Cortical Grid Electrode with Cylindrical Connector

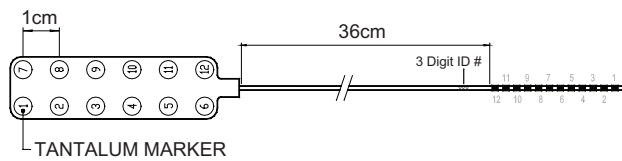


Auragen™ grid electrodes are thin and flexible for easier placement and to conform to the curvature of the cortical surface. The narrow cylindrical connector design simplifies tunneling, using a 14G tunneling needle, and enables quick and secure attachment to the patented connection system. They are available with Auragen™ contacts. Contacts are dimpled for maximum contact with cortex.



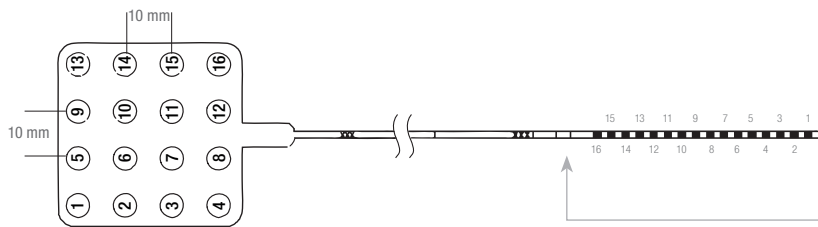
### 8 Contact Electrode

Catalog No.	Specifications
<b>AU2X4P1</b>	8 AURAGEN™ CONTACTS CABLE: ECCFS08



### 12 Contact Electrode

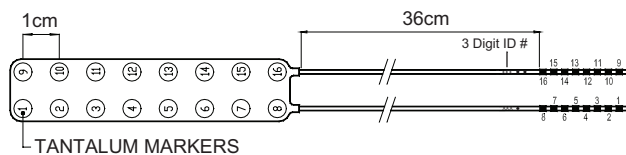
Catalog No.	Specifications
<b>AU2X6P1</b>	12 AURAGEN™ CONTACTS CABLE: ECCFS12



### 16 Contact Electrode

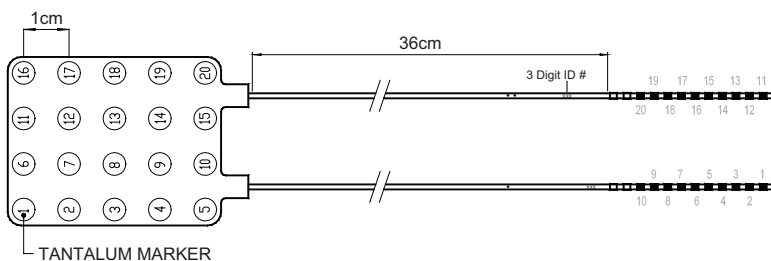
Catalog No.	Specifications
<b>AU4X4P1</b>	16 AURAGEN™ CONTACTS CABLE: ECCFS16

Color coding for better identification



### 16 Contact Electrode

Catalog No.	Specifications
<b>AU2X8P2</b>	16 AURAGEN™ CONTACTS CABLE: ECCFS16



### 20 Contact Electrode

Catalog No.	Specifications
<b>AU4X5P2</b>	20 AURAGEN™ CONTACTS CABLE: ECCFS20

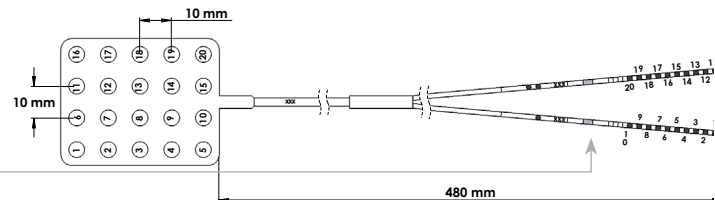
# Grid Electrodes

## Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)

### 20 Contact Electrode

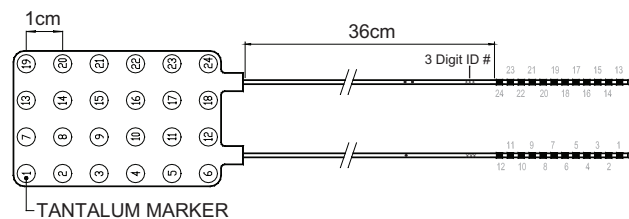
Catalog No.	Specifications
<b>AU4X5P12</b>	20 AURAGEN™ CONTACTS CABLE: ECCFS20

Color coding for better identification



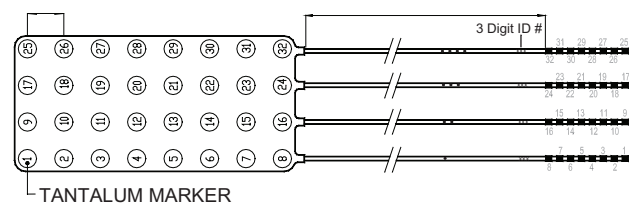
### 24 Contact Electrode

Catalog No.	Specifications
<b>AU4X6P2</b>	24 AURAGEN™ CONTACTS CABLE: ECCFS24



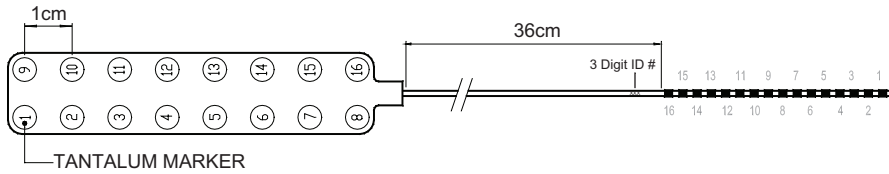
### 32 Contact Electrode

Catalog No.	Specifications
<b>AU4X8P4</b>	32 AURAGEN™ CONTACTS CABLE: ECCFS32



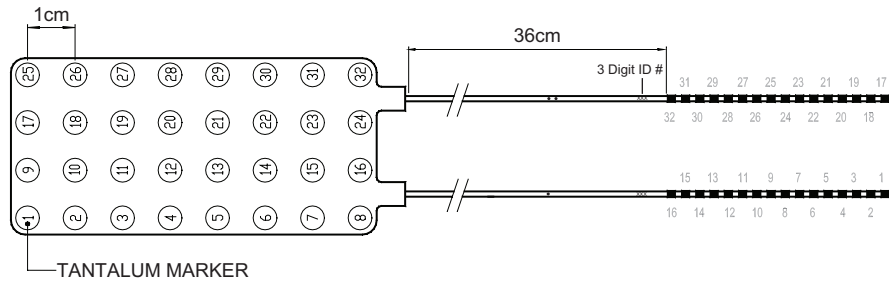


## Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)



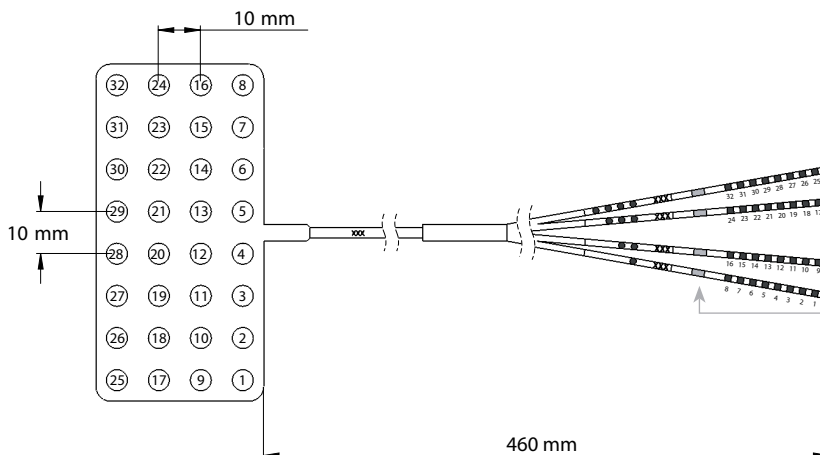
### 16 Contact Electrode

Catalog No.	Specifications
<b>AU2X8P1</b>	16 AURAGEN™ CONTACTS CABLE: 17185C16



### 32 Contact Electrode

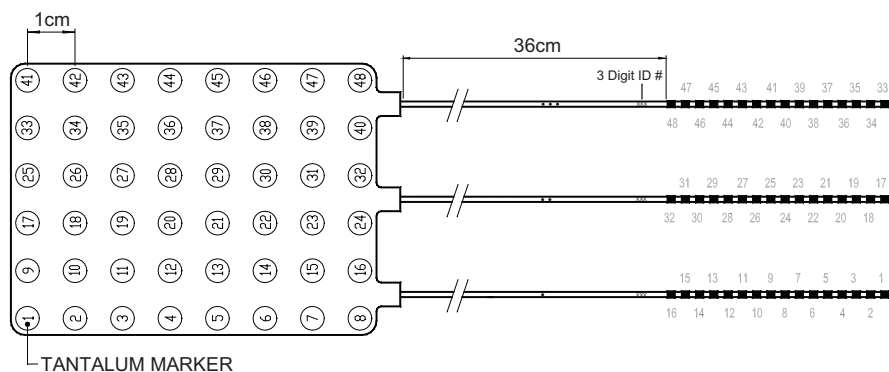
Catalog No.	Specifications
<b>AU4X8P2</b>	32 AURAGEN™ CONTACTS CABLE: 17185C32



### 32 Contact Electrode

Catalog No.	Specifications
<b>AU8X4P14</b>	32 AURAGEN™ CONTACTS CABLE: ECCFS32

Color coding for better identification



### 48 Contact Electrode

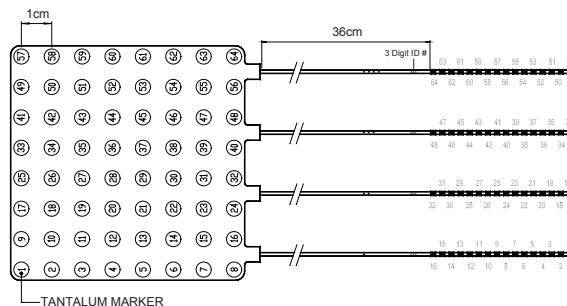
Catalog No.	Specifications
<b>AU6X8P3</b>	48 AURAGEN™ CONTACTS CABLE: 17185C48

# Grid Electrodes

## Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)

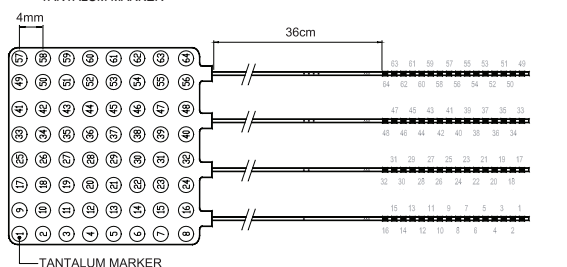
### 64 Contact Electrode

Catalog No.	Specifications
<b>AU8X8P4</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64



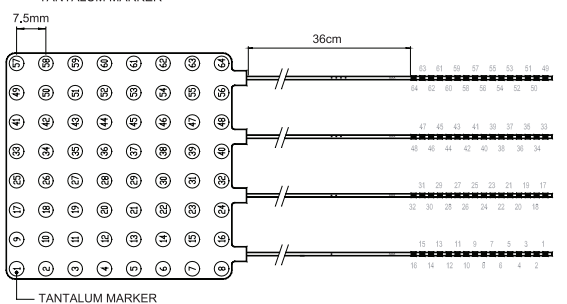
### 64 Contact Electrode • 4 mm contact spacing

Catalog No.	Specifications
<b>AU8X8P4M4</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64



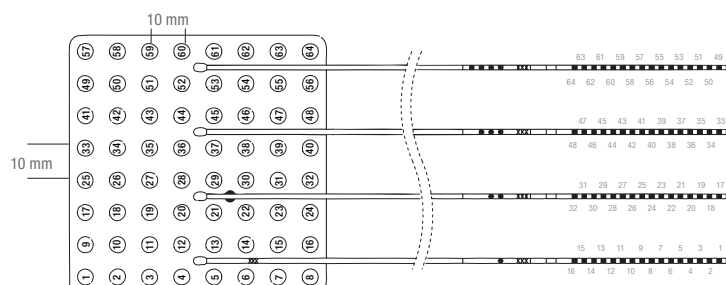
### 64 Contact Electrode • 7.5 mm contact spacing

Catalog No.	Specifications
<b>AU8X8P4M75</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64



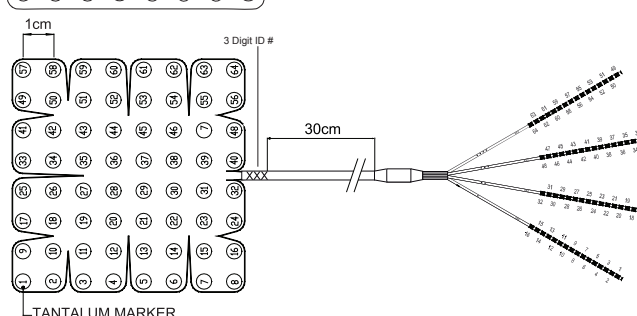
### 64 Contact Electrode

Catalog No.	Specifications
<b>AU8X8P4V</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64



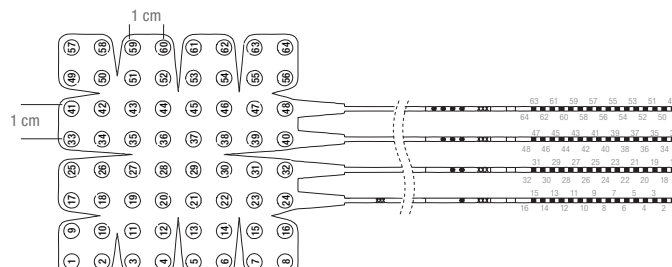
### 3D Conformal Grid 8x8 64 Contact Electrode

Catalog No.	Specifications
<b>AU8X8P14S</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64

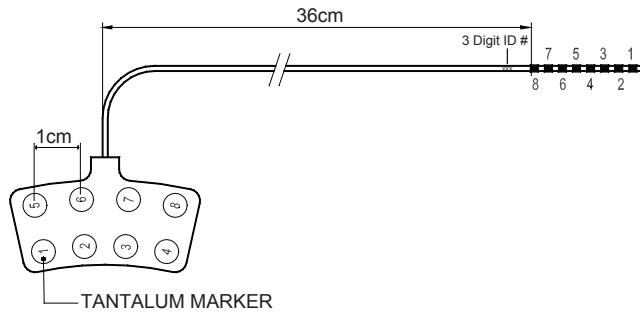


### 3D Conformal Grid 8x8 64 Contact Electrode

Catalog No.	Specifications
<b>AU8X8P4S</b>	64 AURAGEN™ CONTACTS CABLE: 17185C64

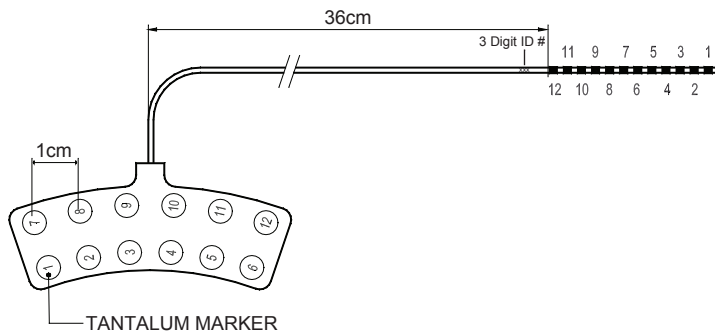


## Auragen™ Curved Grid Electrode with Cylindrical Connector



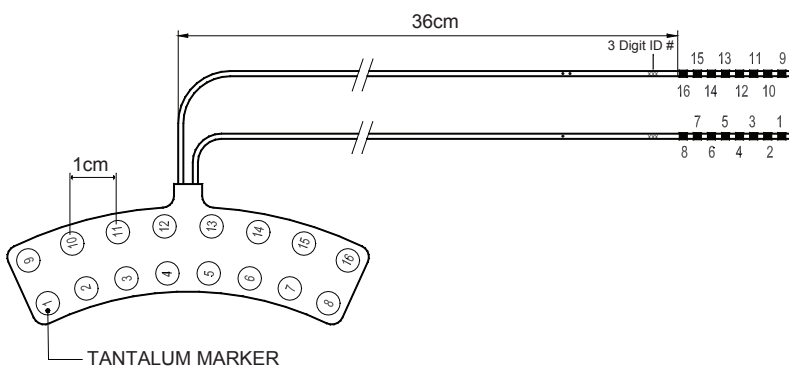
### 8 Contact Electrode

Catalog No.	Specifications
<b>AU4X2P1C</b>	8 AURAGEN™ CONTACTS CABLE: ECCFS08



### 12 Contact Electrode

Catalog No.	Specifications
<b>AU6X2P1C</b>	12 AURAGEN™ CONTACTS CABLE: ECCFS12



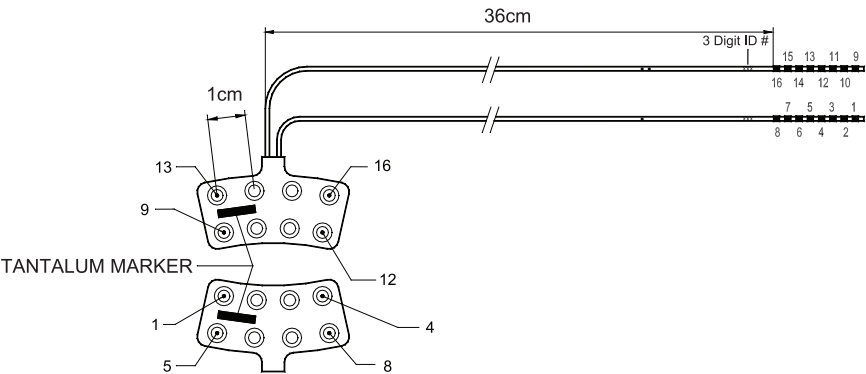
### 16 Contact Electrode

Catalog No.	Specifications
<b>AU8X2P2C</b>	16 AURAGEN™ CONTACTS CABLE: ECCFS16

Auragen™ Curved Dual-Sided Grid Electrode with Cylindrical Connector

16 Contact Electrode

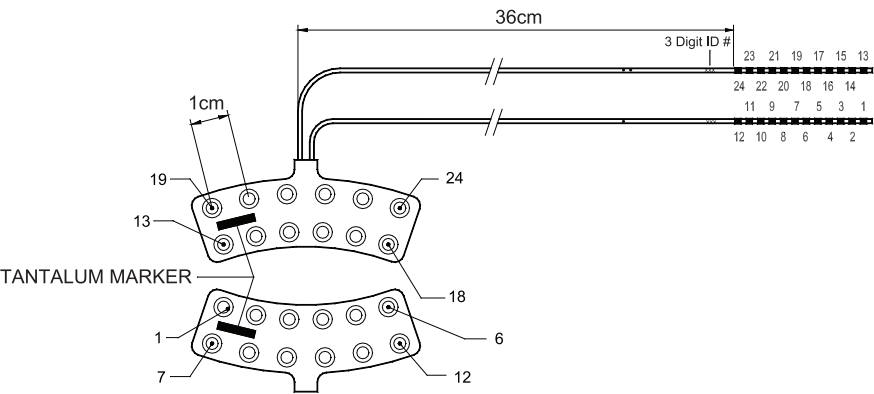
Catalog No.	Specifications
AU4X2P2CD	16 AURAGEN™ CONTACTS CABLE: ECCFS16



Contact exposures are shown facing up

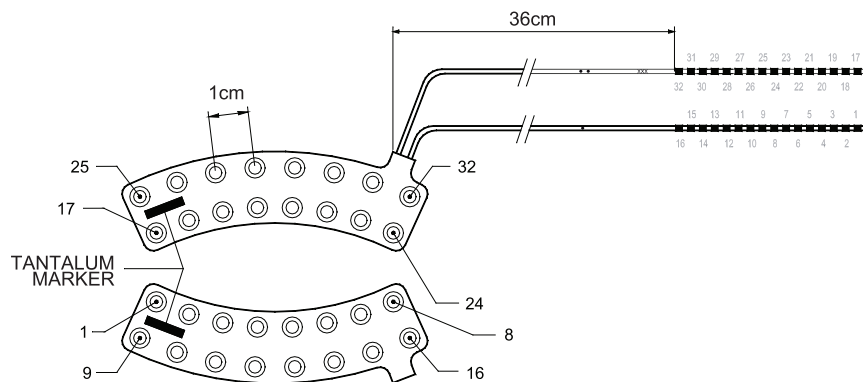
24 Contact Electrode

Catalog No.	Specifications
AU6X2P2CD	24 AURAGEN™ CONTACTS CABLE: ECCFS24



Contact exposures are shown facing up

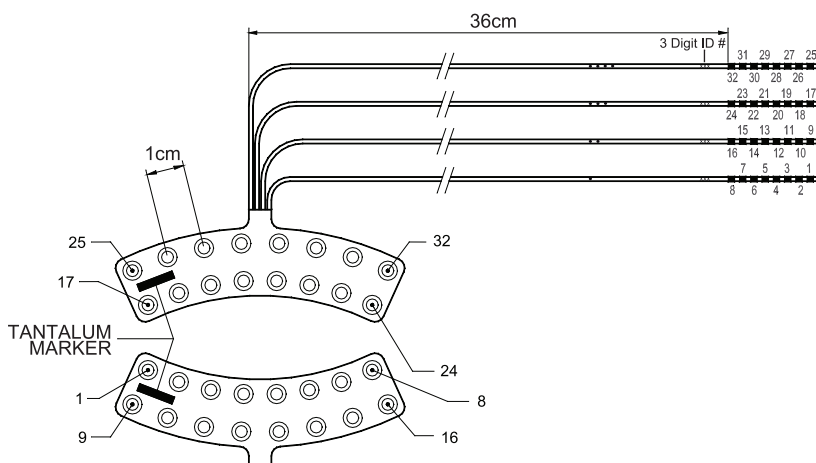
## Auragen™ Curved Dual-Sided Grid Electrode with Cylindrical Connector (continued)



Contact exposures are shown facing up

### 32 Contact Electrode

Catalog No.	Specifications
<b>AU8X2P2CDL</b>	32 AURAGEN™ CONTACTS CABLE : 17185C32



Contact exposures are shown facing up

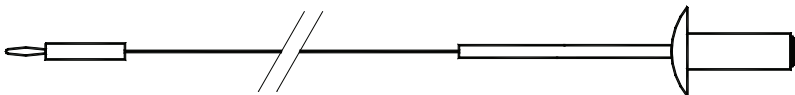
### 32 Contact Electrode

Catalog No.	Specifications
<b>AU8X2P4CD</b>	32 AURAGEN™ CONTACTS CABLE: ECCFS32

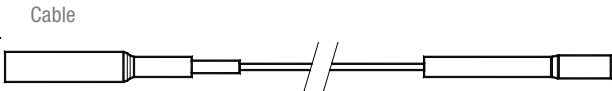
## Epidural Peg Electrodes

Peg electrodes are typically positioned in a burr hole to enable extradural recording of brain activity. They have platinum contacts and are furnished in several lengths to accommodate various skull thicknesses. A 4.6 mm twist drill is suitable for installation of peg electrodes in the patient.

Catalog No.	Length (L)
EP3	3 MM
EP5	5 MM
EP7	7 MM
EP9	9 MM
EP11	11 MM
EP13	13 MM
EP15	15 MM
EP17	17 MM
EP19	19 MM

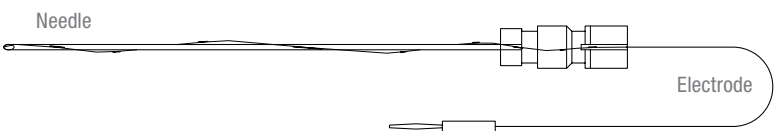


Catalog No.	Specifications
EDSCF	EEG CONNECTING CABLE FOR EP-ELECTRODES WITH FEMALE PINS

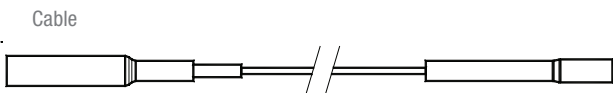


## Sphenoidal Electrodes

Sphenoidal electrodes provide a less invasive method of recording brain activity in the epilepsy patient. Sphenoidal electrodes are fabricated from platinum materials.



Catalog No.	Specifications
<b>EDSEP</b>	SPHENOIDAL ELECTRODE WITH INSERTION NEEDLE, PLATINUM



Catalog No.	Specifications
<b>EDSCF</b>	EEG CONNECTING CABLE FOR EP-ELECTRODES WITH FEMALE PINS

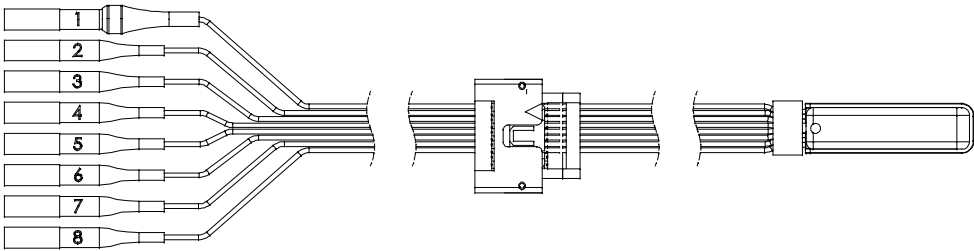
# Electrode Connecting Cables

## CamLock Connection System

CamLock Connection System provides quick and secure electrode connections (sold non sterile).

Connecting cables - 2.4 m 2 pieces  
with breakaway for safety release or  
rapid disconnect away from the patient

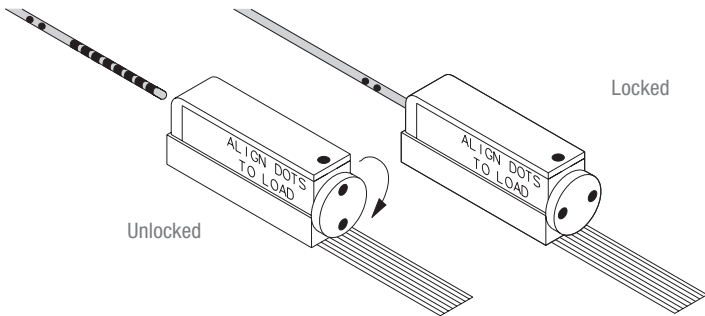
Catalog No.	Specifications
ECCFS02	2 CONTACT CABLE
ECCFS04	4 CONTACT CABLE
ECCFS06	6 CONTACT CABLE
ECCFS08	8 CONTACT CABLE
ECCFS10	10 CONTACT CABLE
ECCFS12	12 CONTACT CABLE
ECCFS16	2X8 CONNECTOR CABLE
ECCFS20	2X10 CONNECTOR CABLE
ECCFS24	2X12 CONNECTOR CABLE
ECCFS32	4X8 CONNECTOR CABLE
ECCFS48	6X8 CONNECTOR CABLE
ECCFS64	8X8 CONNECTOR CABLE



\* Break-away (only for ECCFS cables)

Connecting cables -  
cyl conn 16 contacts-2,4 m

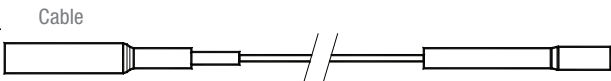
Catalog No.	Specifications
17185C16	1X16 CONNECTOR
17185C32	2X16 CONNECTOR
17185C48	3X16 CONNECTOR
17185C64	4X16 CONNECTOR



## Micro Connecting Cable

Micro Connector, Female Pins, 2,5 m

Catalog No.	Specifications
EDSCF	PEG AND SPHENOIDAL ELECT CONN CABLE





## Ojemann Cortical Stimulator

Designed in collaboration with Dr. George Ojemann at the University of Washington, the Ojemann Cortical Stimulator is the industry standard for cortical stimulation mapping procedures. This portable, constant current unit has simple, uncomplicated controls and current settings suitable for use in the awake or anesthetized patient. The Ojemann Cortical Stimulator is a compact, battery-powered unit and supplies up to 20 milliamps current (peak to peak).

Catalog No.	Specifications
OCS2	OJEMANN CORTICAL STIMULATOR
OCS2PND	OJEMANN CORTICAL STIMULATOR PROBE



## References

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17185C32 .....	13	AU8X4P14 .....	6
17185C48 .....	13	AU8X8P14S .....	7
17185C64 .....	13	AU8X8P4 .....	7
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AU1X4P .....	1	AU8X8P4M75 .....	7
AU1X4PD .....	3	AU8X8P4S .....	7
AU1X6P .....	1	AU8X8P4V .....	7
AU1X6PD .....	3	AU8X8P8 .....	5
AU1X6PM75 .....	1	ECCFS02 .....	13
AU1X8P .....	2	ECCFS04 .....	13
AU1X8PD2 .....	3	ECCFS06 .....	13
AU1X10P .....	2	ECCFS08 .....	13
AU1X12P .....	2	ECCFS10 .....	13
AU2X4P1 .....	4	ECCFS12 .....	13
AU2X6P1 .....	4	ECCFS16 .....	13
AU2X8P1 .....	6	ECCFS20 .....	13
AU2X8P2 .....	4	ECCFS24 .....	13
AU4X2P1C .....	8	ECCFS32 .....	13
AU4X2P2CD .....	9	ECCFS48 .....	13
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AU4X6P2 .....	5	EP3 .....	11
AU4X8P4 .....	5	EP5 .....	11
AU4X8P2 .....	6	EP7 .....	11
AU5X8P15 .....	5	EP9 .....	11
AU6X2P1C .....	8	EP11 .....	11
AU6X2P2CD .....	9	EP13 .....	11
AU6X8P3 .....	6	EP15 .....	11
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AU8X2P2CDL .....	10	OCS2PND .....	14

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