

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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Strip Electrodes

Auragen™ Cortical Strip Electrode with Cylindrical Connector

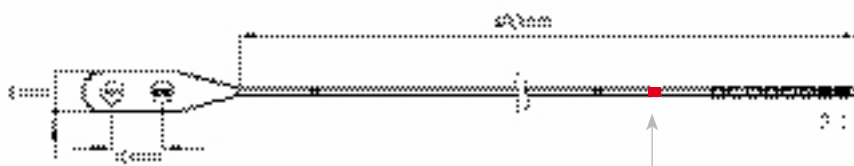


Auragen™ cortical strip electrodes are extra thin and flexible to facilitate intracranial placement through a burr hole. The narrow cylindrical connector design simplifies tunneling, using a 14G tunneling needle, and enables quick and secure attachment to the patented connection system. They are available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

2 Contact Electrode

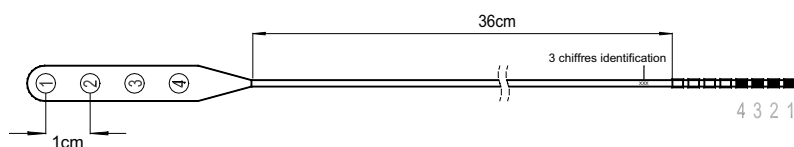
Catalog No.	Specifications
AU1X2P	2 AURAGEN™ CONTACTS CABLE: ECCFS02

Color coding for better identification



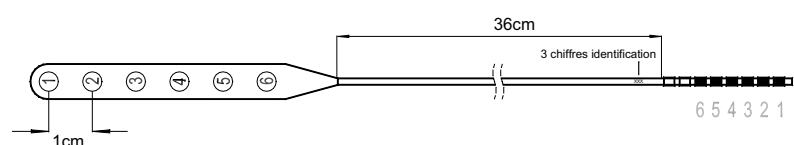
4 Contact Electrode

Catalog No.	Specifications
AU1X4P	4 AURAGEN™ CONTACTS CABLE: ECCFS04



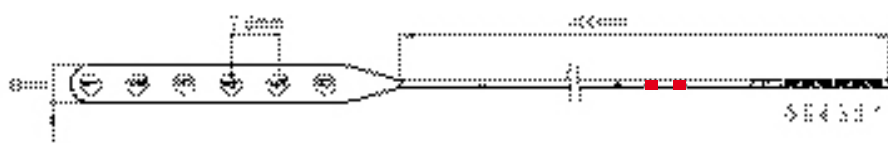
6 Contact Electrode

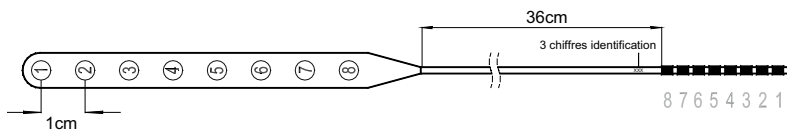
Catalog No.	Specifications
AU1X6P	6 AURAGEN™ CONTACTS CABLE: ECCFS06



6 Contact Electrode • 7,5mm contact spacing

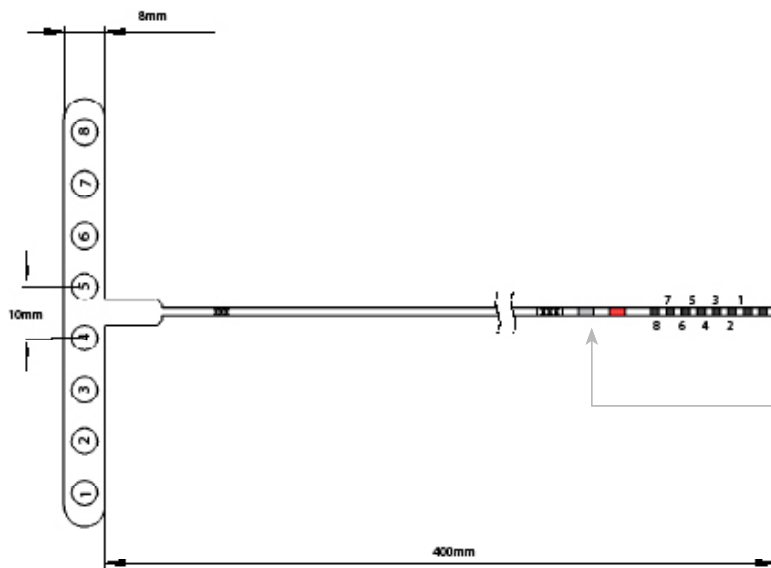
Catalog No.	Specifications
AU1X6PM75	6 AURAGEN™ CONTACTS CABLE: ECCFS06





8 Contact Electrode

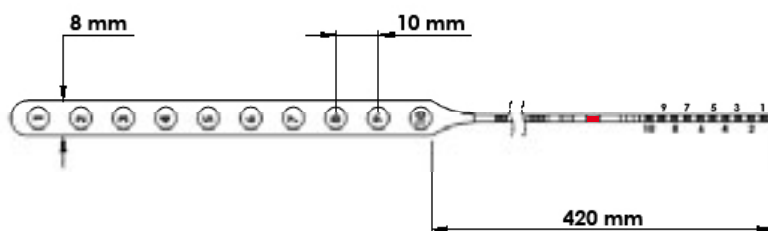
Catalog No.	Specifications
AU1X8P	8 AURAGEN™ CONTACTS CABLE: ECCFS08



8 Contact Electrode

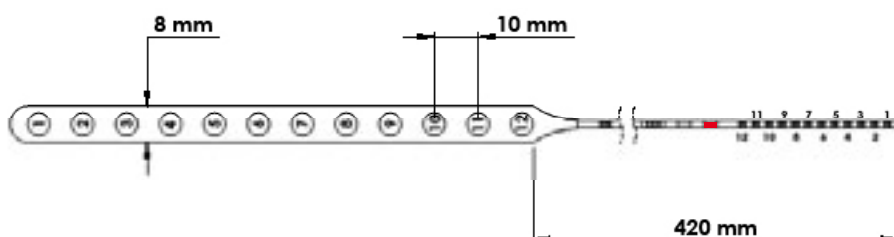
Catalog No.	Specifications
AU8X1P	8 AURAGEN™ CONTACTS CABLE: ECCFS08

Color coding for better identification



10 Contact Electrode

Catalog No.	Specifications
AU1X10P	10 AURAGEN™ CONTACTS CABLE: ECCFS10



12 Contact Electrode

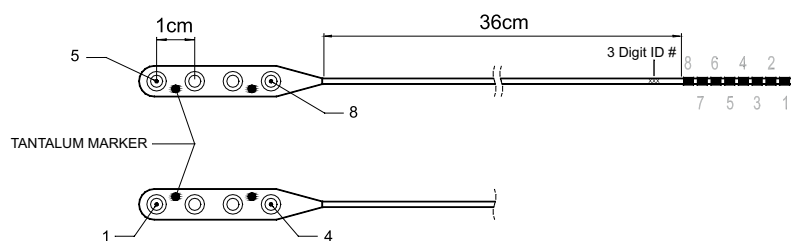
Catalog No.	Specifications
AU1X12P	12 AURAGEN™ CONTACTS CABLE: ECCFS12

Strip Electrodes

Auragen™ Dual-Sided Cortical Strip Electrode with Cylindrical Connector

8 Contact Electrode

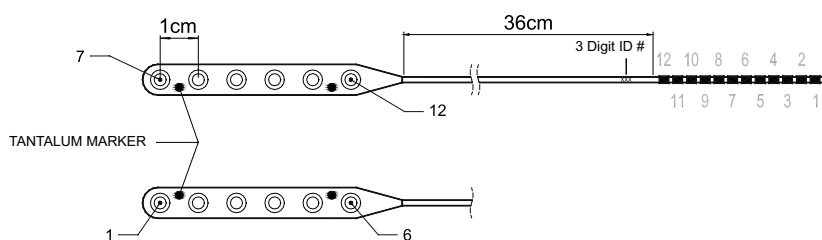
Catalog No.	Specifications
AU1X4PD	8 AURAGEN™ CONTACTS CABLE: ECCFS08



Contact exposures are shown facing up

12 Contact Electrode

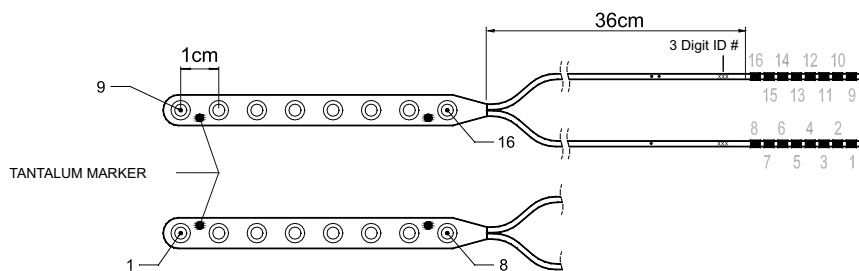
Catalog No.	Specifications
AU1X6PD	12 AURAGEN™ CONTACTS CABLE: ECCFS12



Contact exposures are shown facing up

16 Contact Electrode

Catalog No.	Specifications
AU1X8PD2	16 AURAGEN™ CONTACTS CABLE: ECCFS16

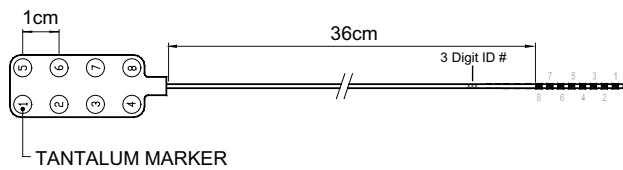


Contact exposures are shown facing up

Auragen™ Cortical Grid Electrode with Cylindrical Connector

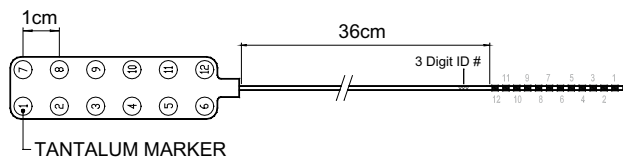


Auragen™ grid electrodes are thin and flexible for easier placement and to conform to the curvature of the cortical surface. The narrow cylindrical connector design simplifies tunneling, using a 14G tunneling needle, and enables quick and secure attachment to the patented connection system. They are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



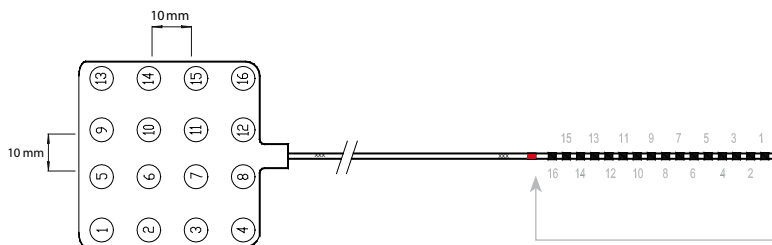
8 Contact Electrode

Catalog No.	Specifications
AU2X4P1	8 AURAGEN™ CONTACTS CABLE: ECCFS08



12 Contact Electrode

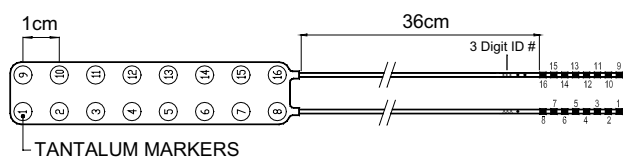
Catalog No.	Specifications
AU2X6P1	12 AURAGEN™ CONTACTS CABLE: ECCFS12



16 Contact Electrode

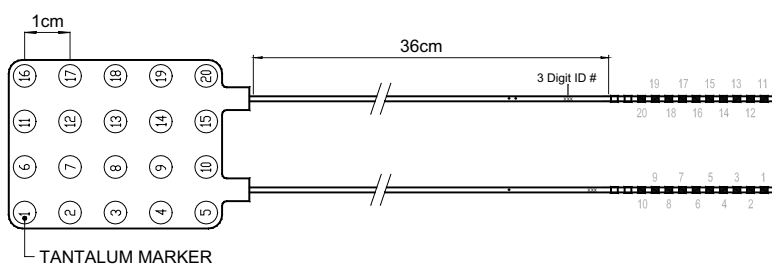
Catalog No.	Specifications
AU4X4P1	16 AURAGEN™ CONTACTS CABLE: ECCFS16

Color coding for better identification



16 Contact Electrode

Catalog No.	Specifications
AU2X8P2	16 AURAGEN™ CONTACTS CABLE: ECCFS16



20 Contact Electrode

Catalog No.	Specifications
AU4X5P2	20 AURAGEN™ CONTACTS CABLE: ECCFS20

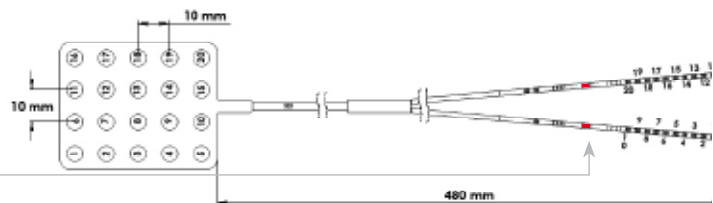
Grid Electrodes

Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)

20 Contact Electrode

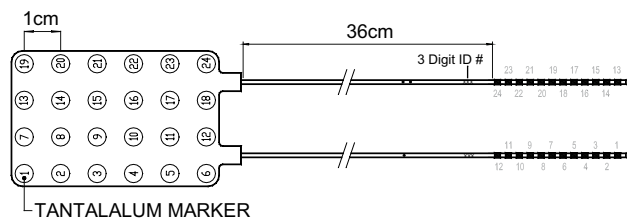
Catalog No.	Specifications
AU4X5P12	20 AURAGEN™ CONTACTS CABLE: ECCFS20

Color coding for better identification



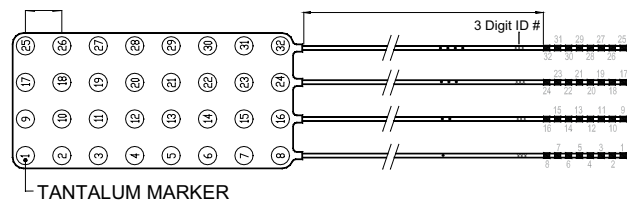
24 Contact Electrode

Catalog No.	Specifications
AU4X6P2	24 AURAGEN™ CONTACTS CABLE: ECCFS24



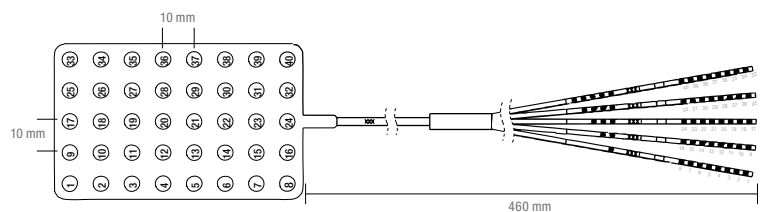
32 Contact Electrode

Catalog No.	Specifications
AU4X8P4	32 AURAGEN™ CONTACTS CABLE: ECCFS32



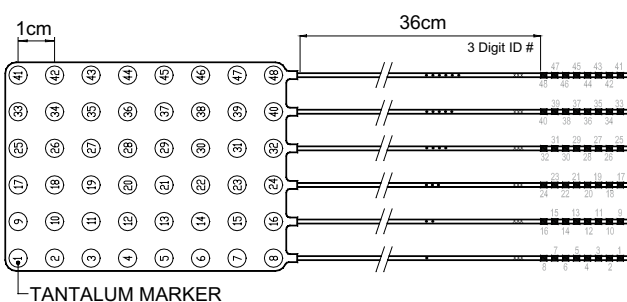
40 Contact Electrode

Catalog No.	Specifications
AU5X8P15	40 AURAGEN™ CONTACTS CABLE: ECCFS48



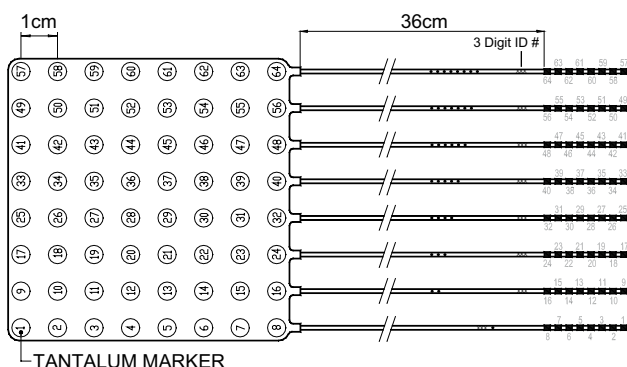
48 Contact Electrode

Catalog No.	Specifications
AU6X8P6	48 AURAGEN™ CONTACTS CABLE: ECCFS48

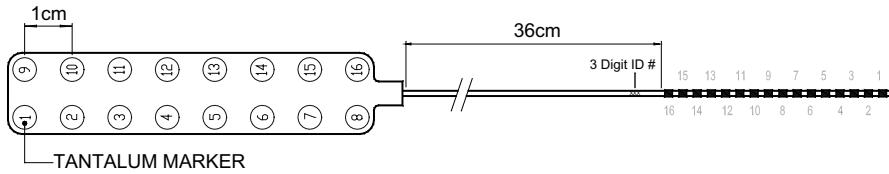


64 Contact Electrode

Catalog No.	Specifications
AU8X8P8	64 AURAGEN™ CONTACTS CABLE: ECCFS64

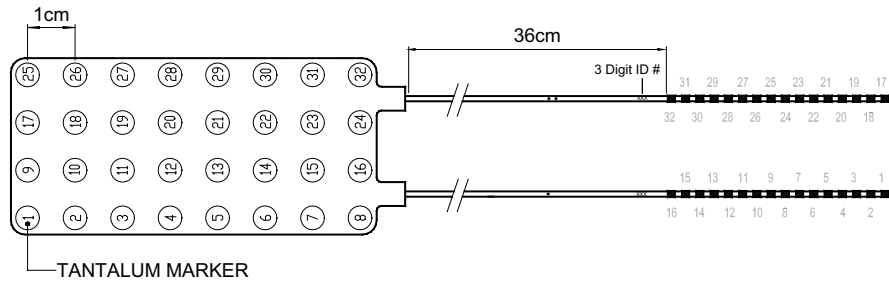


Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)



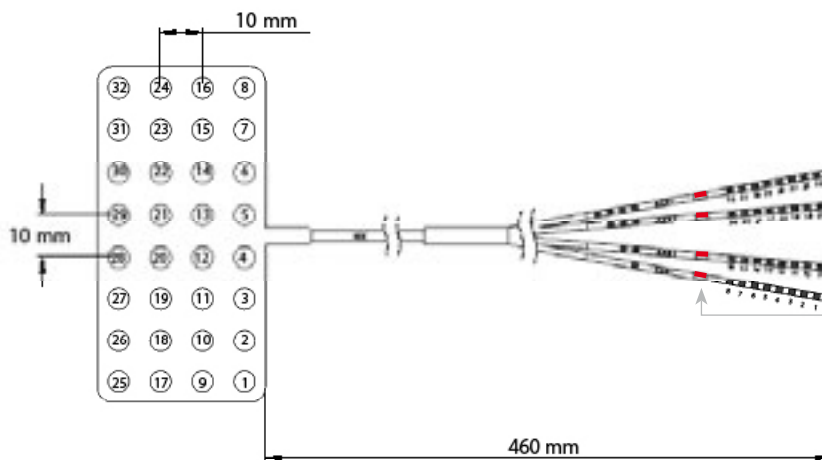
16 Contact Electrode

Catalog No.	Specifications
AU2X8P1	16 AURAGEN™ CONTACTS CABLE: 17185C16



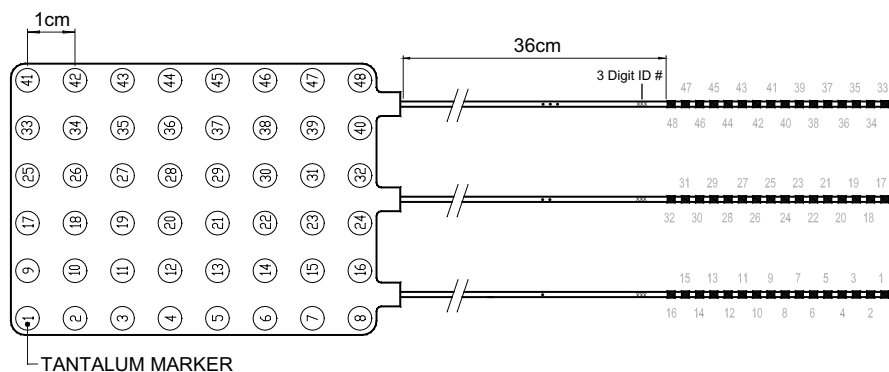
32 Contact Electrode

Catalog No.	Specifications
AU4X8P2	32 AURAGEN™ CONTACTS CABLE: 17185C32



32 Contact Electrode

Catalog No.	Specifications
AU8X4P14	32 AURAGEN™ CONTACTS CABLE: ECCFS32



48 Contact Electrode

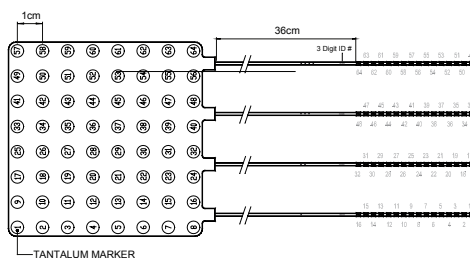
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AU6X8P3	48 AURAGEN™ CONTACTS CABLE: 17185C48

Grid Electrodes

Auragen™ Cortical Grid Electrode with Cylindrical Connector (continued)

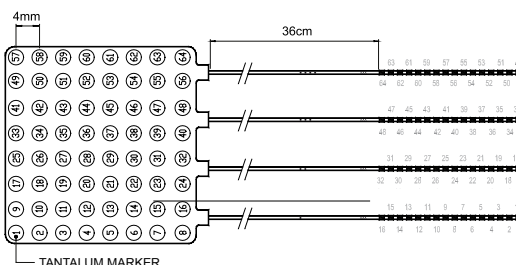
64 Contact Electrode

Catalog No.	Specifications
AU8X8P4	64 AURAGEN™ CONTACTS CABLE: 17185C64



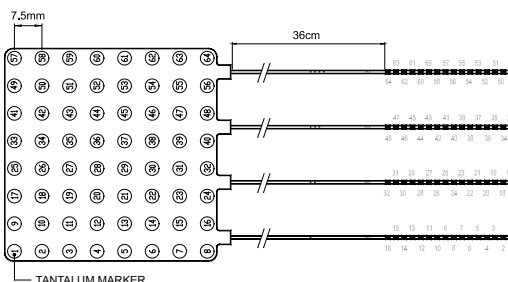
64 Contact Electrode • 4 mm contact spacing

Catalog No.	Specifications
AU8X8P4M4	64 AURAGEN™ CONTACTS CABLE: 17185C64



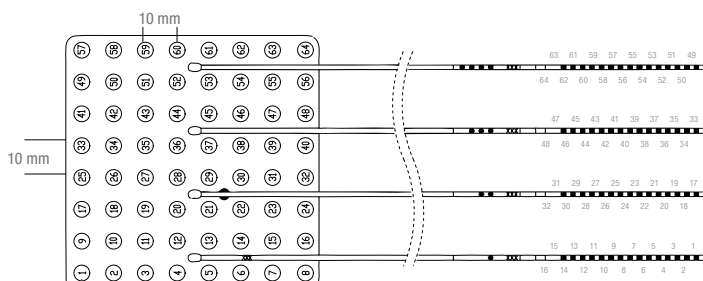
64 Contact Electrode • 7.5 mm contact spacing

Catalog No.	Specifications
AU8X8P4M75	64 AURAGEN™ CONTACTS CABLE: 17185C64



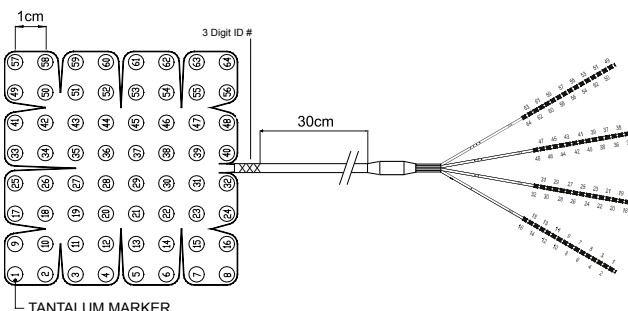
64 Contact Electrode

Catalog No.	Specifications
AU8X8P4V	64 AURAGEN™ CONTACTS CABLE: 17185C64



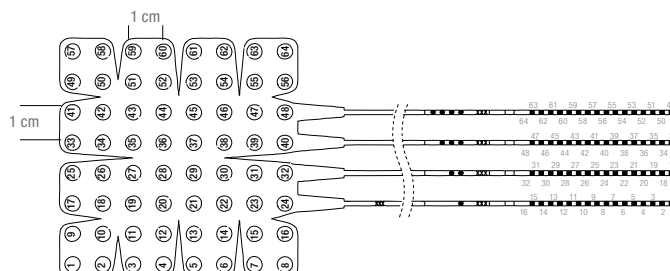
3D Conformal Grid 8x8 64 Contact Electrode

Catalog No.	Specifications
AU8X8P14S	64 AURAGEN™ CONTACTS CABLE: 17185C64

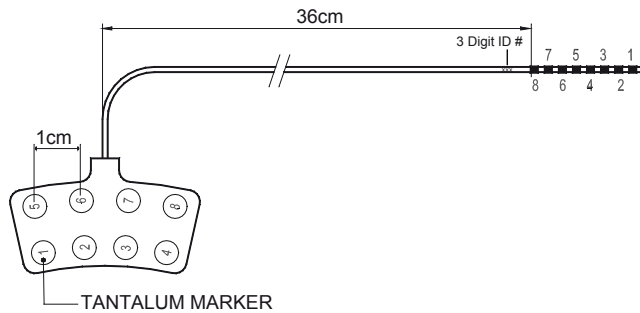


3D Conformal Grid 8x8 64 Contact Electrode

Catalog No.	Specifications
AU8X8P4S	64 AURAGEN™ CONTACTS CABLE: 17185C64

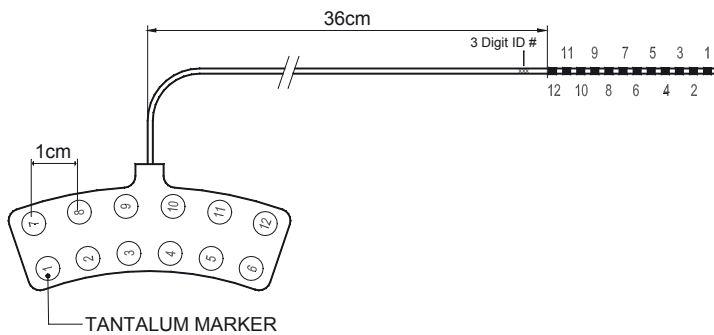


Auragen™ Curved Grid Electrode with Cylindrical Connector



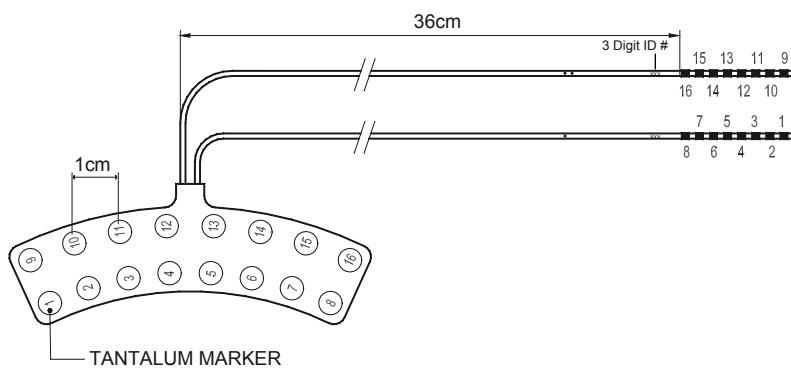
8 Contact Electrode

Catalog No.	Specifications
AU4X2P1C	8 AURAGEN™ CONTACTS CABLE: ECCFS08



12 Contact Electrode

Catalog No.	Specifications
AU6X2P1C	12 AURAGEN™ CONTACTS CABLE: ECCFS12



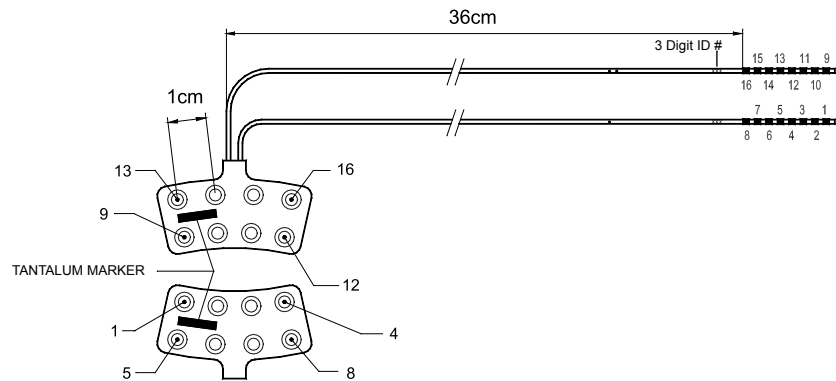
16 Contact Electrode

Catalog No.	Specifications
AU8X2P2C	16 AURAGEN™ CONTACTS CABLE: ECCFS16

Auragen™ Curved Dual-Sided Grid Electrode with Cylindrical Connector

16 Contact Electrode

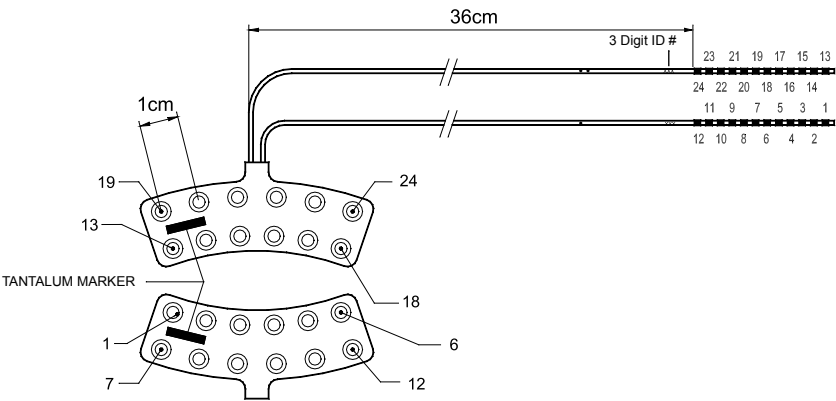
Catalog No.	Specifications
AU4X2P2CD	16 AURAGEN™ CONTACTS CABLE: ECCFS16



Contact exposures are shown facing up

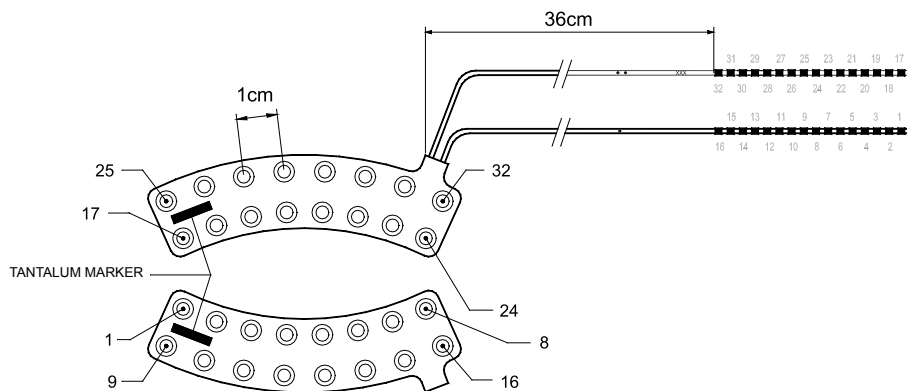
24 Contact Electrode

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



Contact exposures are shown facing up

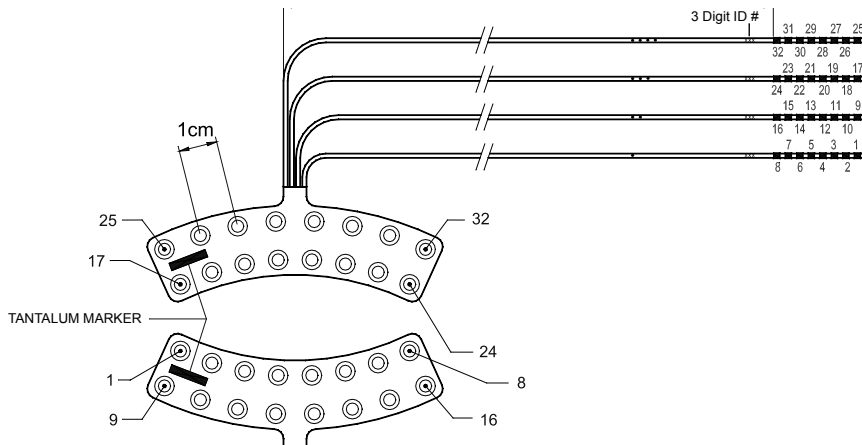
Auragen™ Curved Dual-Sided Grid Electrode with Cylindrical Connector (continued)



32 Contact Electrode

Catalog No.	Specifications
AU8X2P2CDL	32 AURAGEN™ CONTACTS CABLE : 17185C32

Contact exposures are shown facing up



32 Contact Electrode

Catalog No.	Specifications
AU8X2P4CD	32 AURAGEN™ CONTACTS CABLE: ECCFS32

Contact exposures are shown facing up

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

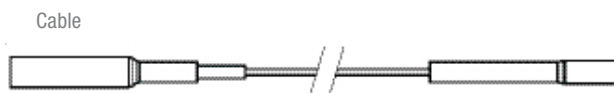


Sphenoidal Electrodes

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
EDSEP	SPHENOIDAL ELECTRODE WITH INSERTION NEEDLE, PLATINUM



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

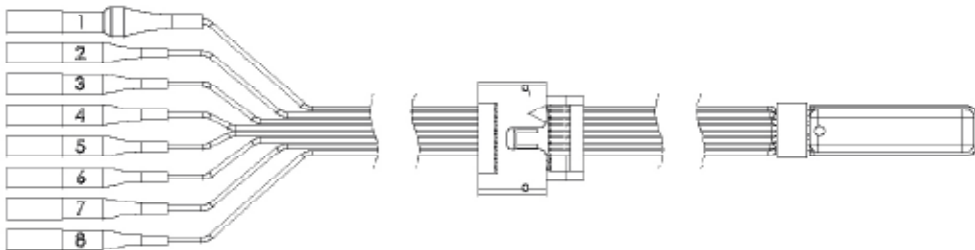
Electrode Connecting Cables

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

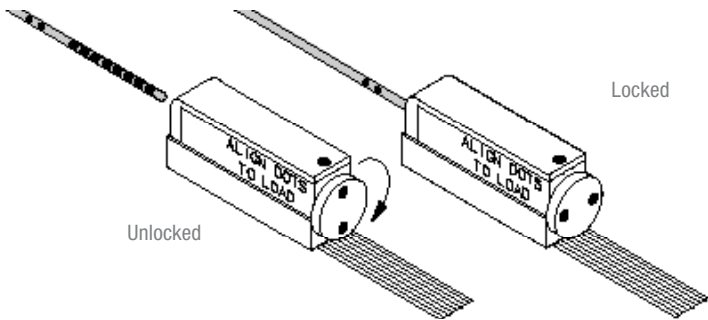
Catalog No.	Specifications
ECCFS02	2 CONTACT CABLE
ECCFS04	4 CONTACT CABLE
ECCFS06	6 CONTACT CABLE
ECCFS08	8 CONTACT CABLE
ECCFS10	10 CONTACT CABLE
ECCFS12	12 CONTACT CABLE
ECCFS16	2X8 CONNECTOR CABLE
ECCFS20	2X10 CONNECTOR CABLE
ECCFS24	2X12 CONNECTOR CABLE
ECCFS32	4X8 CONNECTOR CABLE
ECCFS48	6X8 CONNECTOR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

17185C16	13	AU8X2P4CD	10
17185C32	13	AU8X4P14	6
17185C48	13	AU8X8P14S	7
17185C64	13	AU8X8P4	7
AU1X2P	1	AU8X8P4M4	7
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
AU4X4P1	4	ECCFS64	13
AU4X5P2	4	EDSCF	11, 12, 13
AU4X5P12	5	EDSEP	12
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
AU6X8P6	5	EP17	11
AU8X1P	2	EP19	11
AU8X2P2C	8	OCS2	14
AU8X2P2CDL	10	OCS2PND	14

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All text and diagrams contained in this catalog are intended as guidelines and are for illustrative purposes only. No information included in this catalog is intended to replace the Directions for Use packaged with each Integra product. Always refer to the appropriate Directions for Use for complete clinical instructions.

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