

CEDASEG[®] **NOTOX**[®] 750

EXTRAFLEX

Feel Safe.
Protect your
home and family.



- High security cables.
- Halogen-free.
- Fire resistant.
- Low opaque smoke emission.

Notox CEDASEG line 750 has
a variety of benefits with
a single purpose:
YOUR FAMILY'S SAFETY.

 **CEDAM**
WIRE + CABLE

CEDASEG[®] **NOTOX**[®] 750

High security electric cables.

Halogen-free.



Low opaque smoke .



Not flame spread.



Not fire spread.



CEDASEG[®] NOTOX[®] 750

High security electric cables.

CONSTRUCTION:

Cable with extra flexible longer electrolytic annealed copper, class 5 cabling (IRAM-NBR NM 280 or 6880) in compound isolated zero halogen (LSOH) special **NOTOX**.

INSULATION AND COLORS:

Composite zero halogen (LSOH) **NOTOX** special in Red, Black, Blue, Brown, White, Green / Yellow. Other colors available upon request.

USE:

CEDASEG NOTOX are halogen free high security cables. In case of fire, they do not emit toxic substances which protect people and the environment. Besides, they do not emit corrosive gases, thereby preventing damage to electronic equipment. For this reason it is recommended to be used in public places such as hospitals, schools, clubs, museums, cinemas, theaters, supermarkets, airports, bus stations, general stores, etc., As well as data centers, offices, plants production, wiring closets and laboratories.

CONDITIONS OF INSTALLATION:

In mechanically protected sites, pipelines, cablecanales, inside devices / installations. Its flexibility allows its use is very easy to maneuver, for example, for wiring devices, switchboards and casings.

PACKAGING:

100m rolls wrapped in heat shrink film printed. Plastic reel for use dispenser. Coils - wooden spools.

STANDARD: IRAM 62267

Fire tests:

IRAM-NM-IEC 60332-1
No flame spread.

IRAM-NM-IEC 60332-3-23
Flame spread.

IEC 60754-2
Corrosivity.

IEC 61034
Opaque smoke emission.

CEI 20-38 and CEI 20-37/7
Toxicity.



LICENCIA DE MARCA IRAM »



LICENCIA QUE OTORGA IRAM PARA EL USO DEL SELLO IRAM DE CONFORMIDAD CON NORMA IRAM Y LA MARCA DE SEGURIDAD DE LA S.I.C. Y M.

LICENSE GRANTED BY IRAM FOR THE USE OF THE IRAM MARK OF CONFORMITY WITH IRAM STANDARD AND THE S.I.C. & M. SAFETY MARK

DC-E-C29-011.1

Se deja constancia, por medio de la presente, que IRAM, Instituto Argentino de Normalización y Certificación, ha otorgado la Certificación según el Sistema N°5 recomendado en la Resolución N° 19 de fecha 25 de junio de 1992 del GRUPO MERCADO COMUN (MERCOSUR) al producto cuyas características se detallan a continuación.

This document is a written evidence that IRAM, Instituto Argentino de Normalización y Certificación, has granted the Certification according to System N°5 recommended by Resolution N°19 dated on 25th June 1992 of GRUPO MERCADO COMUN (MERCOSUR), to the product with the following characteristics:

EMPRESA BENEFICIARIA (TITULAR) / COMPANY NAME (LICENSE HOLDER):

CEDAM S.A

DOMICILIO LEGAL / OFFICE ADDRESS:

Ruta 2 Km 55 y Av. 520 (1903) - Abasto - Parque Industrial - La Plata - Pcia. de Buenos Aires - ARGENTINA

DOMICILIO DE LA(S) PLANTA(S) DE PRODUCCIÓN SUJETA(S) A INSPECCIÓN / ADDRESS(ES) OF THE PRODUCTION PLANT(S) UNDER INSPECTION:

CEDAM S.A / Ruta 2, Km 55 y Av. 520 (1903) - Abasto - Parque Industrial - La Plata - Pcia. de Buenos Aires - ARGENTINA

PRODUCTO / PRODUCT:

Cables unipolares de cobre, para instalaciones eléctricas fijas interiores, LSOH, sin envoltura exterior, para tensiones nominales hasta 450/750 V, inclusive / LSOH power and control wires

REFERENCIA DE TIPO O MODELO / TYPE REFERENCE OR MODEL:

1x1 mm², 1x1,5 mm², 1x2,5 mm², 1x4 mm², 1x6 mm², 1x10 mm², 1x16 mm², 1x25 mm², 1x35 mm², 1x50 mm², 1x70 mm², 1x95 mm², 1x120 mm², 1x150 mm², 1x185 mm², 1x240 mm²

CARACTERÍSTICAS PRINCIPALES / MAIN CHARACTERISTICS:

450/750 V - Unipolar - Formaciones normalizadas hasta 240 mm²

MARCA / TRADE MARK OR NAME:

"CEDASEG NOTOX 750"

EN CONFORMIDAD CON LA(S) NORMA(S) / IN CONFORMITY WITH THE STANDARD(S):

IRAM 62267-2002 + M1: 2006

El Titular deberá cumplir con las condiciones establecidas en el Acuerdo de Contratación del Servicio de Certificación IRAM de Productos, Procesos y Servicios (DC-R 001), que ha sido conformado y el procedimiento de aplicación de las Marcas IRAM de Conformidad de la Certificación de Productos, Procesos y servicios (DC-PG 129), así como con la Resolución S.C. N° 171/2016 y sus modificatorias.

The License Holder shall meet the conditions established by the Contract Agreement (DC-R 001), which has been signed by the license holder and procedure for applying the IRAM Marks of Conformity Certification of Products, Processes and Services (DC-PG 129), together with the Resolution S.C. N° 171/2016 and amendments.

OBSERVACIONES ADICIONALES / ADDITIONAL REMARKS:

Esta Licencia de IRAM ha sido otorgada en base al Informe N° / This IRAM License has been granted on the basis of the Report No. 41899-010-76988 (SHITSUKE) & R55-E-10362, emitido por / issued by IRAM.

El plazo de validez de esta Licencia se establece en la Resolución S.C. N° 171/2016 / Validity term of this License is established by Resolution S.C. N° 171/2016.

Fecha de aprobación original:

2017-09-11

Fecha de aprobación:

2017-09-11

Original approval date:

Approval date:

Ing. Gustavo Fernández Misovich
Gerencia Eléctrica-Electrónica
Dirección de Certificación

DC-FI 011 Rev. 1

IRAM Instituto Argentino de Normalización y Certificación | Perú 552/6 | C1068AAB | Buenos Aires, República Argentina | www.iram.org.ar

OAA

Organismo
Acreditado
por el
IRAM



GESTION
DE LA CALIDAD

RI-9000-8650



IRAM 62267

Main Features



High Safety



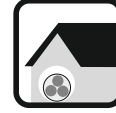
Ecological



Water Resistant Drip



Halogen Free



Domestic



Wiring Tables



Low Opaque Smoke Emission



Reduced Emission of Toxic Gases



No Flame Spread



No Fire Spread



Impact Resistant (weak)



Extra Flexible Rope



Resistance to Chemical Attack (acceptable)



Tubing



Working Temperature



Sliding



Nominal Voltage

In case of fire, halogen free cables facilitate evacuation and avoid toxic gases inhalation.



Normal view

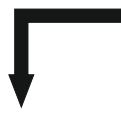


CEDASEG wires NOTOX light transmittance of 90%

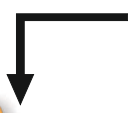


PVC wired fire, light transmittance of 10%

Exterior Insulation halogen-free material (LSOH)

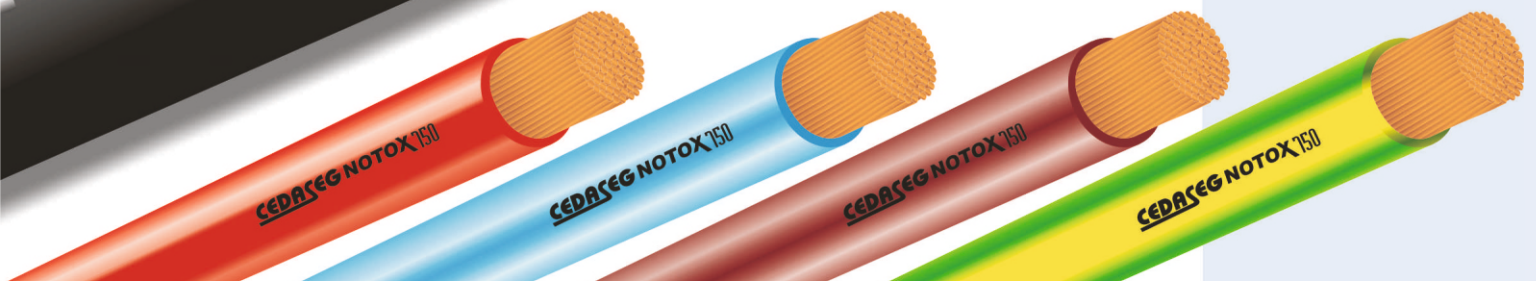


Electrolytic copper conductor class 5 EXTRA FLEXIBLE.



EG NOTOX 750

Cable Marking superlegible



Operating Characteristics

(Poor - Fair - Good - Very Good - Excellent)

Permissible temperature range for continuous environment	Maximum voltages of Service	Resistance to flame and fire	Minimum radius of curvature	Flexibility	Glide	Maximum temperature in the conductor
-5 to 70 °C	750 Vac between phases* 450 Vac phase to earth 750 Vac to ground	Excelent	4 D	Very Good	Very Good	70° C in continuous use 160° C in short circuit

Nominal Section	Maximum current available ⁽¹⁾		Voltage Drop ⁽²⁾		Maximum external diameter	Average diameter rope	Maximum diameter of wire	Average insulation thickness	DC resistance ⁽³⁾	Weight Approx
	Monophase	Tri-Phase	Monophase	Tri-Phase						
mm ²	A	A	V/A.km	V/A.km	mm	mm	Mm	mm	ohm/Km	kg/km
1.5	15	14	26	23	2.9	1.5	0.26	0.7	13.3	19
2.5	21	18	15	14	3.6	2.0	0.26	0.8	7.98	30
4	28	25	10	9	4.1	2.5	0.31	0.8	4.95	44
6	36	32	6.5	6	4.7	3.1	0.31	0.8	3.30	62
10	50	43	3.8	3.5	6.0	4.0	0.41	1.0	1.91	111
16	66	59	2.4	2.2	7.2	5.2	0.41	1.0	1.21	166
25	88	77	1.6	1.4	8.6	6.2	0.41	1.2	0.780	266
35	109	96	1.2	1.0	11.6	9.2	0.41	1.2	0.554	358
50	131	117	0.8	0.7	13.1	10.3	0.41	1.4	0.386	504
70	167	149	0.6	0.5	15.0	12.2	0.51	1.4	0.272	688
95	202	180	0.5	0.4	17.6	13.7	0.51	1.6	0.206	905
120	234	208	0.4	0.3	19.4	16.2	0.51	1.6	0.161	1160
150	-	228	-	0.25	21.5	17.9	0.51	1.8	0.129	1415
185	-	260	-	0.20	24.6	20.5	0.51	2.0	0.106	1730
240	-	290	-	0.15	27.4	23.0	0.51	2.2	0.0801	2260

(1) For a single circuit pipe (preferably plastic) or cable channel to ambient temperature of 40 ° C, exposed to the sun and not 100% load factor.

(2) Voltage drop for AC circuits (50/60 Hz), whereas contact wires and cos phi = 0.8.

(3) DC resistance at 20 ° C, DC. Method 247-2:2003 EX-NM IRAM IRAM 2342 - 6.1:1990.

Note: These values are an approximate and are subject to change without notice.

Features compound

It does not emit toxic substances. Acids and gases emitted by the combustion of a cable containing halogens are highly toxic to humans exposed to these gases, possibly resulting in death due to poisoning. NOTOX CEDASEG cables do not emit any of these substances, thereby improving the overall safety of the installation. Low toxicity: Less than 2 whereas the conventional PVC is about 30.

Not emit corrosive substances: Hydrochloric acid (HCl) given off by the combustion of an halogen cable is highly corrosive and seriously affects the electronic and computer equipment. NOTOX CEDASEG cables do not emit hydrochloric acid (HCl), avoiding this type of damage.

Low smoke emission: These cables prevent loss of visibility due to smoke from combustion, thus facilitating the evacuation of people and the work of rescue personnel.

Fire proof properties: The quality of no fire spread of CEDASEG NOTOX wire cable contributes to the overall safety of the installation.

Ecological: NOTOX CEDASEG cables contain no halogenated material, avoiding the emission of dioxins into the atmosphere.

Maximum current values:

The maximum current values are indicated in the "Regulations for Implementation of Electrical Installations in properties" of the AEA. The maximum permissible current in a wire depends on its ability to dissipate heat, or heat that is to say the installation site and conditions.. For this reason there is a great diversity of high current tables for the same cable depending on where and how it is intalled. . For other installation conditions refer to the above regulations, IEC 60287 or our technical department.

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Industrial Plant and Administration:

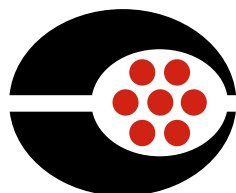
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CEDAM

WIRE + CABLE