

# PUBLIC ADDRESS GENERAL ALARM

LOW SMOKE HALOGEN-FREE CABLES



**ENERGY GROUP**



37-449-812 & 37-449-813

# GEXOL-331HF FIRE RESISTANT PUBLIC ADDRESS/GENERAL ALARM CABLE LOW SMOKE HALOGEN-FREE

COMPOSITE • 0.6/1KV • RATED 90°C

## Conductors

Soft annealed flexible stranded tinned copper per IEEE 1580 Table 11.

## Insulation

Fire resistant tape + GEXOL®-HF low smoke Halogen-Free flame retardant cross-linked polyolefin, meeting the requirements for Type LSE or LSX of IEEE 1580.

## Jacket

A black low smoke Halogen-Free flame retardant polyolefin, meeting IEEE 1580.

## Armor

Basket weave wire armor per IEEE 1580. Bronze standard. Aluminum or tinned copper available by request.

## Sheath

A black low smoke Halogen-Free flame retardant polyolefin, meeting IEEE 1580.



## APPLICATION

Exclusively approved by GAI-Tronics for use as the system cable for their SmartSeries® public address/general alarm systems. GAI-Tronics' microprocessor-based SmartSeries® systems utilize the latest technology in data communications to significantly improve system integrity and functionality. It is critical to personnel safety that the public address/general alarm system continue to function in an emergency fire condition. For this reason, AmerCable has designed these system cables to be rugged, reliable, fire resistant, and based on its proven Gexol technology.

## FEATURES

- Fire resistant: IEC 60331.
- Flame retardant: IEC 332-3 Category A and IEEE 1202.
- Low smoke and Halogen-Free.
- High strand count conductors make this product more flexible and easier to install than IEC 60092-350 Series cables.
- Severe cold durability: exceeds CSA cold bend/cold impact (-40°C/-35°C).
- Suitable for use in Class I, Division 1 and Zone 1 environments (armored and sheathed).

## RATINGS & APPROVALS

- 90°C Temperature Rating
- American Bureau of Shipping (ABS) 99-BT5905-X
- NRTL Classified to IEEE STD. 1580
- Transport Canada
- Det Norske Veritas (DNV) (pending)
- Lloyd's Register of Shipping (LRS) (pending)

Exclusively approved by



Nexans AmerCable P/N 37-449-812  
(GAI-Tronics P/N 60029-408)

## Armored and Sheathed 16 Core Composite Cable

Consisting of:

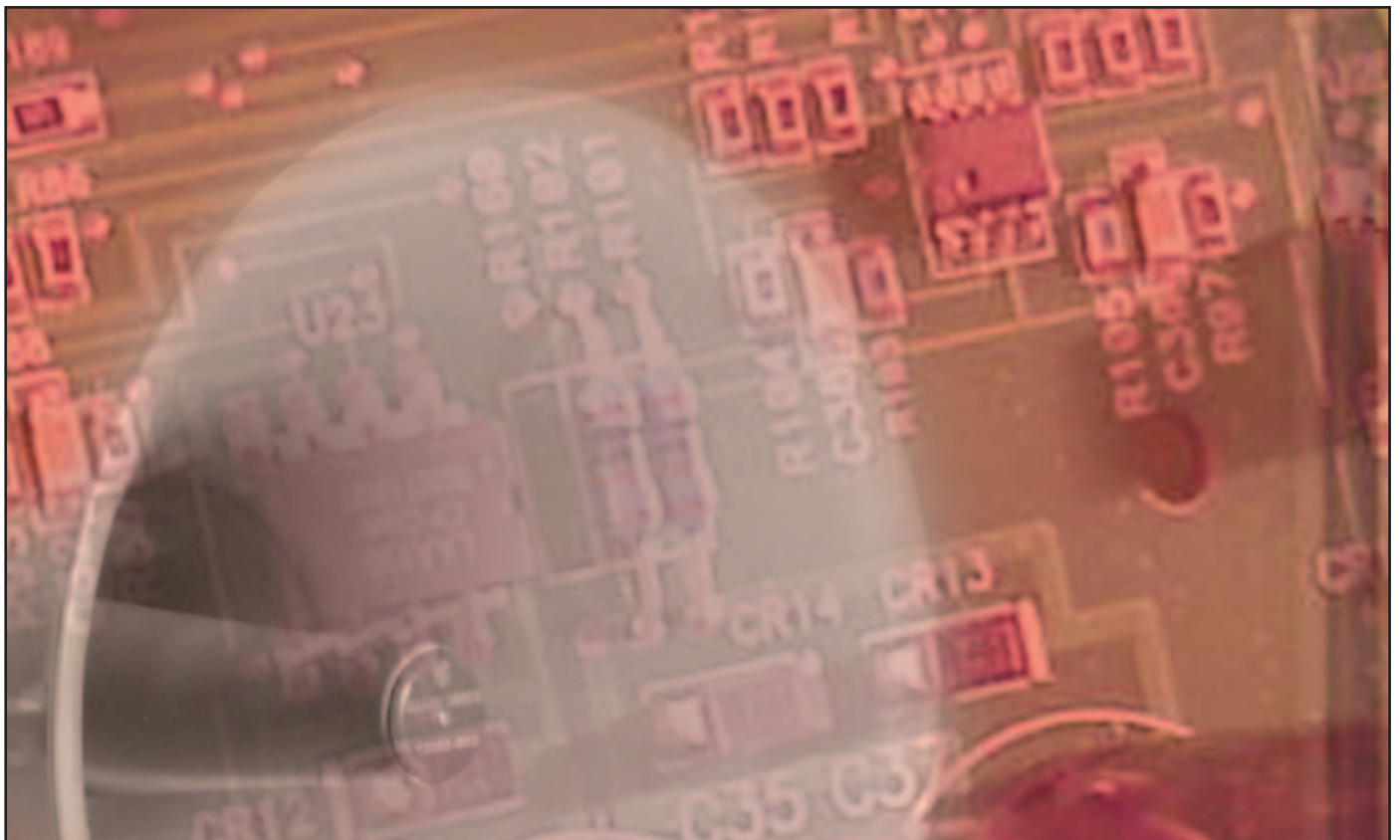
- 6 x 18 AWG twisted pairs,
- 1 x 14 AWG twisted pair,
- 1 x 18 AWG orange conductor,
- 1 x 14 AWG green/yellow conductor.

Nexans AmerCable P/N 37-449-813  
(GAI-Tronics P/N 60029-409)

## Armored and Sheathed 16 Core Composite Cable

Consisting of:

- 6 x 18 AWG twisted pairs,
- 1 x 12 AWG twisted pair,
- 1 x 18 AWG orange conductor,
- 1 x 12 AWG green/yellow conductor



# PUBLIC ADDRESS GENERAL ALARM LOW SMOKE HALOGEN-FREE CABLES



Nexans AmerCable is an ISO 9001:2105 certified cable manufacturer that combines leading-edge manufacturing technology, innovative thinking, and high-quality service to deliver the finest energy cable products and connectivity solutions.

Nexans AmerCable serves the world from our Energy Group headquarters in Katy, Texas. Our professional field engineers and sales force work with you to create innovative, cost effective project solutions.

## **Nexans AmerCable**

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