37-449-812 & 37-449-813

Gexol-331HF Fire Resistant
Public Address/General Alarm Cable
Low Smoke Halogen-Free

Composite • 0.6/1kV • Rated 110°C

AmerCable
INCORPORATED

Oil & Gas Cables

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 LSX of IEEE 1580 and Type X110 of UL 1309/CSA 245.

Jacket

A black low smoke Halogen-Free flame retardant polyolefin, meeting IEEE 1580 and UL 1309/CSA 245.

Armor

Basket weave wire armor per IEEE 1580 and UL 1309/CSA 245. Bronze standard. Aluminum or tinned copper available by request.

Sheath

A black low smoke Halogen-Free flame retardant polyolefin, meeting IEEE 1580 and UL 1309/CSA 245.

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.

■ Higher temperature rating results in higher ampacity ratings.

■ Severe cold durability: exceeds CSA cold bend/cold impact (-40°C/-35°C).

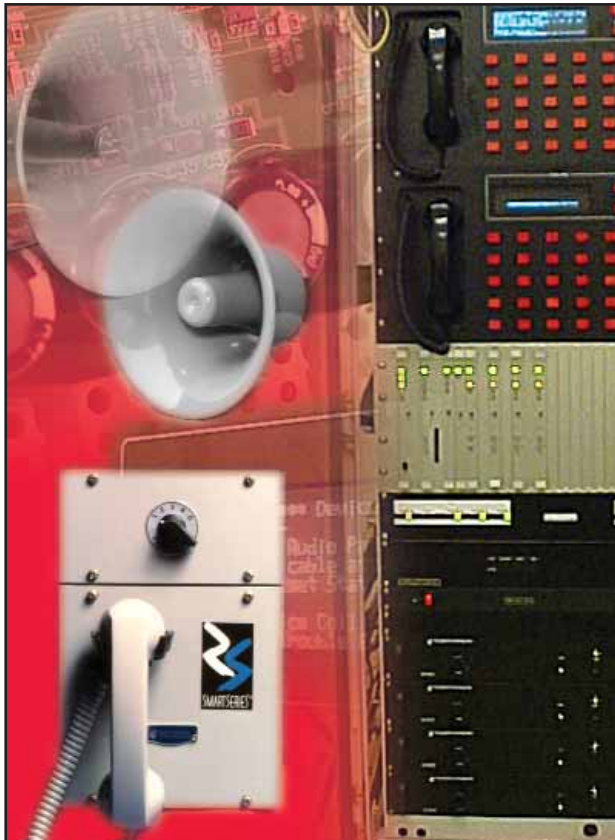■ Suitable for use in Class 1 Division 1, and Zone 1 environments (armored and sheathed).

Ratings & Approvals

■ 110°C Temperature Rating

■ American Bureau of Shipping (ABS) 99-BT5905-X

■ UL Listed as Marine Shipboard Cable (E111461)

■ Transport Canada (pending)

■ Det Norske Veritas (DNV) (pending)

■ Lloyd's Register of Shipping (LRS) (pending)

Exclusively approved by

GAI-TRONICS®

AmerCable P/N 37-449-812

(GAI-Tronics P/N 60029-108)

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.

AmerCable P/N 37-449-813

(GAI-Tronics P/N 60029-109)

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

Exclusively approved by

GAI-TRONICS®