

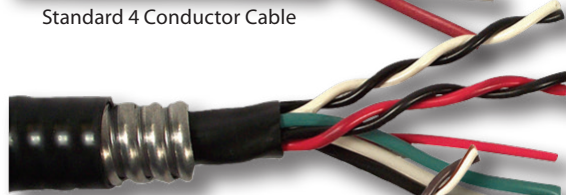
Guardian Telecom System Cable



2 Conductor
Speaker Cable



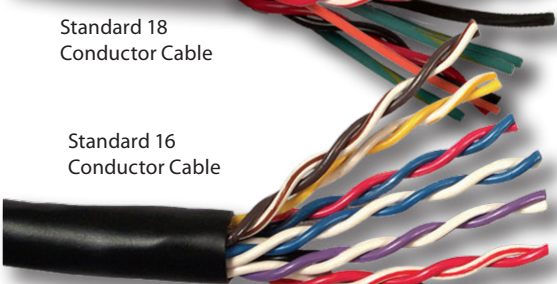
Standard 4 Conductor Cable



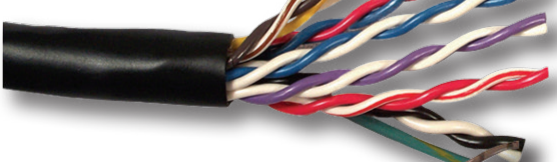
Armored 8
Conductor Cable



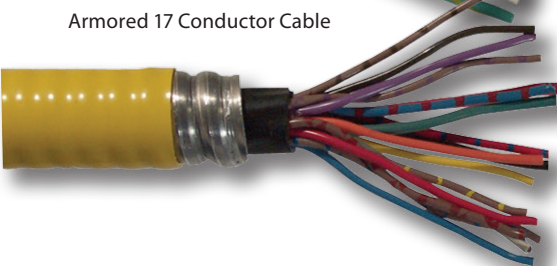
Standard 18
Conductor Cable



Standard 16
Conductor Cable



Armored 17 Conductor Cable



Guardian's goal is to be responsive to the requirements of our customers and supply quality cable products that will provide lasting dependable service. Guardian's System Cable makes installing your system simple and cost-effective.

FEATURES and BENEFITS

Guardian Telecom's System Cable is specially manufactured to our specifications and designed to make installation of communication systems both simple and cost-effective.

- CSA and UL approved electronic and electrical cables optimize Guardian Telecom's communication systems performance.
- Available in numerous configurations suitable for speaker wiring, Page/Talk systems, conducting power and many other communication requirements.
- All System Cable is available in standard or heavy duty armored jacket.
- Armored System Cable can be installed in Class I, Division 1 & 2 and Class II, Division 1 & 2 hazardous areas when used with approved connectors.
- Guardian's System Cable is compatible with similar equipment provided by most manufactures.
- Cable colors and language options are available.
- **For a list of System Cables see ordering information on the back page or contact Guardian Telecom to discuss your needs**

APPLICATIONS

This product is designed for use in locations with the highest hazardous area classification such as:

Mines

Chemical Plants

Refineries

Drilling Rigs

Defense Installations

Cement Plants

Bulk Loading Stations

Pulp & Paper Mills

and more . . .

Grain Processing and Similar Industries

Power Generation Facilities

Fertilizer Plants

Food Processing Plants

Sewage Plants

Construction Sites

Breweries & Distilleries

Pharmaceutical Plants

INSTALLATION and CONNECTABILITY

Guardian Telecom's modular approach to system design gives you the flexibility to set up systems based on exactly what you require — as well as the ability to integrate equipment that is already installed.



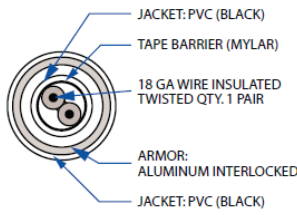
tough. trusted. true.



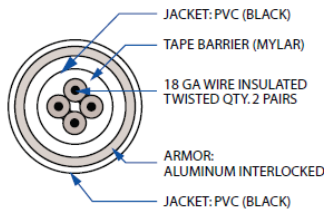
OVERALL DIMENSIONS

Diagrams shown are with Armored Aluminum Interlock except for Standard 18 Conductor

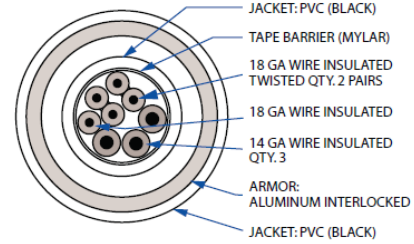
ARMORED 2 CONDUCTOR
Armored: 0.535" (Standard: 0.189")



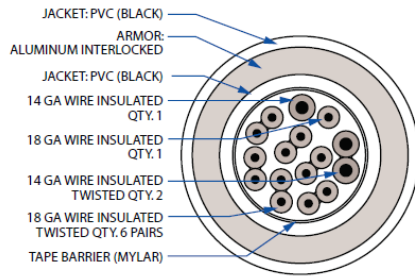
ARMORED 4 CONDUCTOR
Armored: 0.760" (Standard: 0.288")



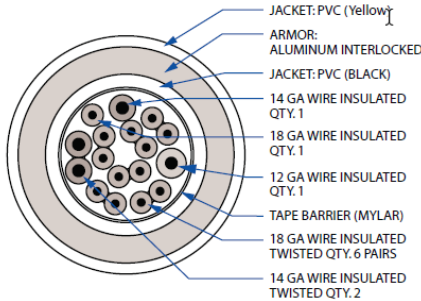
ARMORED 8 CONDUCTOR
Armored: 0.920" (Standard: 0.570")



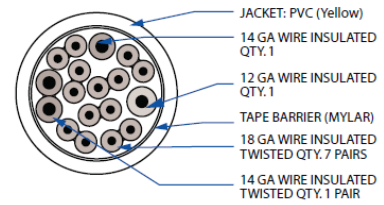
ARMORED 16 CONDUCTOR
Armored: 1.100" (Standard: 0.790")



ARMORED 17 CONDUCTOR
Armored: 1.100"



STANDARD 18 CONDUCTOR
Standard: 0.790"



*Cable colors and language options are available.

Guardian Telecom System Cable

ENGINEERING SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Conductor	Bare 7 Annealed Copper Class B in Accordance with ASTM B8
Insulation	XLPE Rated 221°F (105°C) Dry / 167°F (75°C) Wet to -40°F (-45°C) in Accordance with CSA Stand. C22.2 No. 113 for Type RW90-40 Insulation
Inner Jacket	Black PCV as per CSA Standard C22.2 No. 0.3, 221°F (105°C) Dry / 167°F (75°C) Wet to -40°F (-45°C) Wet Temperature Rating, FT4 Flame Retardant, Low Acid Emitting (LAG)

Cable Weight Per Meter

Standard Duty Cable

2/c	P006425-NA	36 kg/km
4/c	P006216	—
8/c	P005916	307 kg/km
16/c	P005219	620 kg/km
18/c	P006936-NA	570 kg/km

Non-Armored Power Cable

3/c	P006399	—
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Armored Cable

2/c	P006425	270 kg/km
4/c	P006217	460 kg/km
8/c	P005863	815 kg/km
16/c	P005366, P007569	929 kg/km
17/c	P006218	950 kg/km
18/c	P006936	971 kg/km

ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description
P006425	2 Conductor 18 AWG Industrial Armored Speaker Cable
P006425-NA	2 Conductor 18 AWG Industrial Standard Speaker Cable
P006399	3 Conductor Power Cable
P006217	4 Conductor 18 AWG Industrial Armored Speaker Cable
P006216	4 Conductor 18 AWG Industrial Standard Speaker Cable
P005863	Heavy Duty 8 Conductor Armored Cable (Singleline Page/Talk)
P005916	Standard Duty 8 Conductor Cable (Singleline Page/Talk)
P005366	Heavy Duty 16 Conductor Armored Cable (Multiline, Page/Talk)
P005219	Standard Duty 16 Conductor Cable (Multiline, Page/Talk)
P006218	Heavy Duty 17 Conductor Armored Cable (Multiline, Page/Talk)
P007569	Heavy Duty 16 Conductor Armored Cable, Stranded Tinned Conductors (Multiline, Page/Talk)
P006936	18 Conductor Armored Cable (Select System)
P006936-NA	18 Conductor Non-Armored Cable (Select System)

COMPLIANCE

CEC Class I, Division 1 & 2 Group A, B, C, D, CEC Class II, Division 1 & 2 Group E, F, G 221°F (105°C) Dry / 167°F (75°C) Wet to -40°F (-45°C) environments. In accordance with CSA Standard C22.2 No. 174

Armor	CSA Certified Interlocked Aluminum Armor Suitable for use in Hazardous Locations
Armored Cable Minimum Bend Radius	8 Times the Overall Cable Diameter.
Armored Outer Jacket	PVC as per CSA Standard CA.2, No. 131-M89, 221°F (105°C) Dry / 167°F (75°C) Wet to -40°F (-45°C) Temperature Rating, Low Acid Gas Emitting (LAG) with Excellent Corrosion and Sunlight Resistance.

Distributed by:



GUARDIAN TELECOM, a division of CIRCA ENTERPRISES INC.
Calgary, Alberta, Canada
Telephone: 403 258-3100 Facsimile: 403 253-4967
1-800-363-8010 (North America)
info@guardiantelecom.com | www.guardiantelecom.com