We proudly manufacture hi-temp wire & cable.

PLENUM CABLE. INDUSTRIAL CABLE. TRAY CABLE. MILITARY WIRE. APPLIANCE WIRING MATERIAL. THERMOCOUPLE WIRE. FIRE ALARM CABLE. COMPOSITES.

aerospacewire.com
OUR SECRET FORMULA

1. Take orders for short runs
2. Deliver faster than our competitors
3. Manufacture every order to customer specification
4. Make customer service a top priority
5. Manufacture products with only the best materials
6. Stay in the US

- Aerospace Wire & Cable 1986
PLENUM CABLE

NEC ARTICLE 725 / 800 (UL) C(UL) CL2P CL3P CMP

PRODUCT HIGHLIGHTS

1. MOQ for most plenum cable designs are 1,000FT
   Shorter runs equal less waste

2. (UL) c(UL) tested and approved
   Passes the (UL) 910, FT6 and NFPA 262 flame test.

3. EU RoHS and Reach Compliant

4. Broad range of temperature ratings
   (200C / 150C / 75C / 60C)

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- INSULATION / JACKET MATERIALS
- CONDUCTOR MATERIAL AND SIZE
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES
- CUSTOM CABLE COMPOSITE DESIGNS AVAILABLE

*legend is for rendering only.

PHONE: 1800-395-0200 FAX: 1718-358-2522 EMAIL: SALES@AEROSPACEWIRE.COM
## The Details

<table>
<thead>
<tr>
<th>CABLE APPLICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Power Limited Control Circuits</td>
<td></td>
</tr>
<tr>
<td>☐ Audio, Alarm and Signal Use</td>
<td></td>
</tr>
<tr>
<td>☐ Security and intercom systems and low voltage applications</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RESISTANCE / SUITABILITY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Sunlight, oil, gasoline, and abrasion resistant</td>
<td></td>
</tr>
<tr>
<td>☐ Gas vapor tight jacket</td>
<td></td>
</tr>
<tr>
<td>☐ Suitable for direct burial, outdoor, wet location and in-wall applications</td>
<td></td>
</tr>
</tbody>
</table>

(Fep only)

<table>
<thead>
<tr>
<th>COLOR CODE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ 12 Solid Colors plus striping</td>
<td></td>
</tr>
<tr>
<td>- Standard color code (chart 1 multiconductor - chart 3 multipair)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AWG</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ SIZE: 10 AWG - 28 AWG (Stranded ASTM B-8)</td>
<td></td>
</tr>
<tr>
<td>☐ MATERIAL: BC / TPC / SPC / NPC</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SHIELDING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid / Aluminum Armor</td>
<td></td>
</tr>
<tr>
<td>☐ Fold Techniques Available: Short and Isolation Folds (Optional)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEMPERATURE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>☐ FEP - Low Temp minus 80C to Hi-Temp 200C</td>
<td></td>
</tr>
<tr>
<td>☐ E-CTFE Low Temp minus 40C to Hi-Temp 150C</td>
<td></td>
</tr>
<tr>
<td>☐ LOW SMOKE PVC - Low Temp minus 5C to Hi-Temp 60C</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APPROVALS / STANDARDS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ (UL) c(UL) TYPE CMP NEC ARTICLE 800</td>
<td></td>
</tr>
<tr>
<td>☐ (UL) TYPE CL2P CL3P NEC ARTICLE 725</td>
<td></td>
</tr>
<tr>
<td>☐ FLAME TESTS: (UL) 910 / 1581 - NFPA 262 - FT6 (CMP ONLY)</td>
<td></td>
</tr>
<tr>
<td>☐ Reach / RoHS compliant</td>
<td></td>
</tr>
</tbody>
</table>
# THE DETAILS

## CABLE APPLICATIONS
- Power Limited Control Circuits NEC ARTICLE 725 / 800
- Audio, Alarm, Signal Use and security and intercom systems
- Internal wiring of appliances and or electronic equipment

## RESISTANCE / SUITABILITY
- Sunlight, oil, gasoline, and abrasion resistant
- Gas vapor tight jacket
- Suitable for direct burial, outdoor, wet location and in-wall applications

## COLOR CODE
- 12 Solid Colors plus striping and numbering
  - Standard color code (chart 1 multiconductor - chart 3 multipair)

## AWG
- SIZE: 12 AWG - 28 AWG (*AWG 20+ require SPC or NPC conductors)
- MATERIAL: BC / TPC / SPC / NPC

## SHIELDING
- Unshilded / Foil Shield / Braid Shield / Stainless Steel Braid / Aluminum Armor
- Fold Techniques Available: Short and Isolation Folds (Optional)

## TEMPERATURE
- FEP - Low Temp minus 80C to Hi-Temp 200C

## APPROVALS / STANDARDS
- (UL) c(UL) TYPE CMP NEC ARTICLE 800
- (UL) TYPE CL3P NEC ARTICLE 725
- (UL) AWM 20710 600V
- FLAME TESTS: (UL) 910 / 1581 - NFPA 262 - FT6 (CMP ONLY)
- Reach / RoHS compliant
PLENUM COAXIAL CABLES

NEC ARTICLE 725 / 800 (UL) c(UL) CL2P CL3P CMP PLTC

PRODUCT HIGHLIGHTS

1. Commercial and plenum versions of RG 6 / 8 / 11 / 142 / 179 / 58 / 59 + MORE

2. Custom cable designs available for low noise, high precision and high voltage applications

3. EU RoHS and Reach Compliant

4. (UL) Tested and approved. Passes NFPA 262 (UL) 910 and FT 6 flame tests. (plenum designs only)

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- INSULATION AND JACKET MATERIAL
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES

*legend is for rendering only.
## THE DETAILS

### CABLE APPLICATIONS
- Control Circuits NEC article 725 and Communication Circuits Article 800
- Audio / Visual / CCTV transmission applications

### RESISTANCE / SUITABILITY
- Suitable for outdoor, direct burial and in-wall installations
- Wet and dry locations
- Sunlight, oil, gasoline, abrasion resistant (FEP ONLY)

### COLOR CODE
- 12 Solid Colors plus striping
  - standard color code is natural

### AWG
- SIZE: 10 AWG – 28 AWG (Stranded ASTM B-8 / B133 Conductors)
- MATERIAL : BC / TPC / SPC / NPC / BCCS

### SHIELDING
- Unshielded / Foil Shield / Braid Shield / Quad Shield / Stainless Steel Over Braid

### TEMPERATURE
- (FEP) Low Temp  minus 80C to Hi-Temp 200C
- (E-CTFE ) Low Temp  minus 40C to Hi-Temp 150C
- (Low Smoke PVC) Low Temp  minus 5C to Hi-Temp 60C

### APPROVALS / STANDARDS
- (UL) CL2P CMP CL3P
- Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6
- Commercial Versions of RG 6 / 8 / 11 / 142 / 179 / 58 / 59 + MORE
- Reach RoHs compliant
LOW CAP PLENUM CABLE

NEC ARTICLE 725 / 800 (UL) c(UL) CL2P CL3P CMP PLTC

PRODUCT HIGHLIGHTS

1. Designs with capacitances as low as 8.8pF/ft. available**
2. E-Z box packaging available for easy installation
3. EU RoHS and Reach Compliant

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- INSULATION AND JACKET MATERIAL
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES

*legend is for rendering only. **represents a nominal value.

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## THE DETAILS

### CABLE APPLICATIONS
- Power limited control circuits
- Communication, audio and data transmission applications

### RESISTANCE / SUITABILITY
- Suitable for RS-422, RS-232, RS-485 computer cable applications
- Echelon compliant cable designs available
- Sunlight, oil, gasoline, vapor, abrasion resistant (FEP ONLY)

### COLOR CODE
- 12 Solid Colors plus striping
  - Standard Chart 1 Conductors 1-10 & Chart 2: Conductors 11-25

### AWG
- SIZE: 12 AWG – 28 AWG (Stranded ASTM B-8 / B133 Conductors)
  - AWG range differ per RS# computer cable application
- MATERIAL: BC / TPC / SPC / NPC

### SHIELDING
- Unshielded / Foil Shield / Braid Shield / Individually shielded pairs
  - short and isolation fold designs available
  - color coded foil shields available

### TEMPERATURE
- (FEP) / (FOAM FEP) Low Temp minus 80C to Hi-Temp 200C
- (E-CTFE) Low Temp minus 40C to Hi-Temp 150C
- (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C

### APPROVALS / STANDARDS
- (UL) CL2P CMP CL3P PLTC (DUAL RATING AVAILABLE)
- Passes flame tests: NFPA 262 (UL) 910 / 1581 and FT-4 FT-6 (CMP ONLY)
- Reach RoHs compliant
INTRODUCING NYC’S FINEST

Fire Alarm Cable

LL5 - FPLP NYC FIRE ALARM CABLE

- Properly extruded EZ Strip shiny red jacket. Will not crack when bent.
- E-CTFE (HALAR) insulation and jacket feature excellent low temp resistance - (-40C)
- Printed markings on jacket designed for easy identification.
- Data Rated for Low Capacitance

Tested and approved by UL (Rated FPLP)
Certified by NYC Dept of Building Standards
Properly extruded EZ Strip E-CTFE (Halar) Jacket
Resistant to cracking at low temperatures (minus 40C)
Data rated (low capacitance compared to PVDF / SOLEF)
MADE IN NYC for NYC

CONTACT US FOR MORE INFORMATION
T: 1800-395-0200
F: 1718:358-2522
E: SALES@AEROSPACEWIRE.COM

AEROSPACE WIRE & CABLE INC.

AEROSPACE WIRE & CABLE ADVANTAGE
## CABLE COMPARISON - HALAR VS PVDF

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>AEROSPACE HALAR</th>
<th>COMPETITOR PVDF</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABLE IS EASY TO STRIP</td>
<td>YES - (UL)</td>
<td>YES</td>
</tr>
<tr>
<td>LOW TEMPERATURE RATING</td>
<td>-40C</td>
<td>-20C</td>
</tr>
<tr>
<td>JACKET COLOR</td>
<td>Shiny Red (UL)</td>
<td>PINK</td>
</tr>
<tr>
<td>MARKING IS CLEARLY PRINTED</td>
<td>YES (UL)</td>
<td>BLURRY</td>
</tr>
<tr>
<td>CAPACITANCE</td>
<td>DATA RATED - LOW</td>
<td>REGULAR</td>
</tr>
<tr>
<td>MADE IN NYC</td>
<td>YES</td>
<td>NO</td>
</tr>
</tbody>
</table>

## CABLE QUALITY CHECK LIST

- Is the color of the jacket bright red?
- Is the cable easy to strip?
- Is the material used rated for data - low capacitance?
- Can the cable resist extremely low temperatures without cracking?
- Is the marking printed clearly and easy to see on jacket?
FIRE ALARM CABLE

NEC ARTICLE 760 / (UL) FPLP Rated

PRODUCT HIGHLIGHTS

1. Stranding options for improved flexibility: solid, 7, 19
2. Applications: Detectors, Alarm Systems, Circuitry
3. Custom print legend for easier zoning identification/installation
4. Broad range of temperature ratings (200C / 150C / 75C / 60C)

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- INSULATION AND JACKET MATERIAL
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES

*legend is for rendering only.
# FIRE ALARM CABLE

**NEC ARTICLE 760 / (UL) FPLP Rated**

## THE DETAILS

<table>
<thead>
<tr>
<th>CABLE APPLICATIONS</th>
<th>Fire Alarm systems, Smoke and Heat Detectors, Burglar Alarms, Fire Protective Circuits, Building Control Circuits, All power-limited circuitry applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESISTANCE / SUITABILITY (FEP ONLY)</td>
<td>Sunlight, oil, gasoline, vapor, abrasion resistant, Suitable for direct burial, wet location, outdoor and in-wall installations</td>
</tr>
<tr>
<td>COLOR CODE</td>
<td>12 Solid Colors plus striping - Standard Chart 1 Multi-conductor Chart 3 - Multipairs - Color Matching, Striping, and Numbering Available</td>
</tr>
<tr>
<td>AWG</td>
<td>SIZE: 12 AWG – 22 AWG (Solid or Stranded ASTM B-8 / B133 Conductors) MATERIAL: BC (TPC / SPC / NPC designs available)</td>
</tr>
<tr>
<td>SHIELDING / ARMOR</td>
<td>Unshielded / Foil Shield / Braid Shield / Individually shielded pairs Aluminum and galvanized steel armor available</td>
</tr>
<tr>
<td>TEMPERATURE</td>
<td>(FEP) Low Temp minus 80C to Hi-Temp 200C (E-CTFE) Low Temp minus 40C to Hi-Temp 150C (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C</td>
</tr>
<tr>
<td>APPROVALS / STANDARDS</td>
<td>(UL) FPLP (DUAL RATING AVAILABLE- CL2P CMP CL3P) Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 (CMP ONLY) Reach RoHs compliant</td>
</tr>
</tbody>
</table>

---

**THE DETAILS**

PHONE: 1800-395-0200 FAX: 1718-358-2522 EMAIL: SALES@AEROSPACEWIRE.COM

---

**MADE IN USA**

**PLENUM CABLES**
THERMOCOUPLE WIRE

NEC ARTICLE 725 / 800 (UL) c(UL) CL2P CL3P CMP PLTC

PRODUCT HIGHLIGHTS

1. Type E / J / K / T Thermocouple Grade and Extension Grade
2. Special limits of error and custom composite designs available
3. Reach and RoHS compliant
4. Tested and approved by (UL) for plenum and power-limited tray cable applications

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- INSULATION AND JACKET MATERIAL
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES

*legend is for rendering only.
## THE DETAILS

### CABLE APPLICATIONS
- Probes and temperature sensors
- FDA approved applications, aircraft, cryogenic use and petrochemical plants
- All power-limited circuitry applications

### RESISTANCE / SUITABILITY
- Sunlight, oil, gasoline, vapor, abrasion resistant (FEP ONLY)
- Suitable for direct burial and in-wall installations

### TYPES / COLOR CODES
- TYPE K + CHROMEL (YELLOW) - ALUMEL (RED)
- TYPE J + IRON (WHITE) - CONSTANTAN (RED)
- TYPE E + CHROMEL (PURPLE) - CONSTANTAN (RED)
- TYPE T + COPPER (BLUE) - CONSTANTAN (RED)
  - Custom color codes and special limits of error (SLE) types available

### AWG
- SIZE: 12 AWG – 24 AWG

### SHIELDING
- Unshielded / Foil Shield / Braid Shield / Individually shielded pairs

### TEMPERATURE
- (FEP) Low Temp minus 80C to Hi-Temp 200C
- (E-CTFE) Low Temp minus 40C to Hi-Temp 150C
- (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C

### APPROVALS / STANDARDS
- (UL) PLTC (DUAL RATING AVAILABLE- CL2P CMP CL3P)
- Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 (CMP ONLY)
- Reach RoHs compliant

---

**AEROSPACE WIRE & CABLE INC.**

**PHONE:** 1800-395-0200  **FAX:** 1718-358-2522  **EMAIL:** SALES@AEROSPACEWIRE.COM
(UL) PLTC

NEC ARTICLE 725 (UL) PLTC 300V POWER LIMITED

PRODUCT HIGHLIGHTS

1. Passes (UL) 1581 and FT 4 flame tests
2. Resistant to sunlight and approved for class 1 and division 2 hazardous locations
3. EU RoHS and Reach Compliant
4. NEC Substitute for class 2 (CL2P), class 3 (CL3P) and CMP plenum applications

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES
- JACKET AND INSULATION MATERIAL

*print legend is for rendering only
# THE DETAILS

## CABLE APPLICATIONS
- Control Circuits, Intercoms, POS systems, Audio, Signals, and Sensors
- (UL) listed for installations in cable trays, troughs, channels, ducts and conduits
- NEC Substitute for class 2 (CL2P) and class 3 (CL3P) plenum applications

## RESISTANCE / SUITABILITY
- Suitable for OSHA Hazardous Locations Class 1 Division 2
- Approved for direct burial. Wet and dry locations
- Sunlight, oil, gasoline, abrasion resistant. (FEP ONLY)

## COLOR CODE
- 12 Solid Colors plus striping
  - Standard color code (chart 1 multiconductor - chart 3 multipair)

## AWG
- SIZE: 12 AWG – 22AWG (Stranded ASTM B-8 / B133 Conductors)
- MATERIAL: BC / TPC / SPC / NPC

## SHIELDING
- Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid

## TEMPERATURE
- FEP Low Temp minus 80C to Hi-Temp 200C
- E-CTFE – Low Temp Minus 40C to Hi – Temp 150C
- Low Smoke PVC – low temp minus 5C to Hi – Temp 60C

## APPROVALS / STANDARDS
- (UL) TYPE TYPE PLTC
- Passes (UL) 1581 / FT-4 Flame Tests
- Reach RoHs compliant
  - If dual rated with CL3P/ CMP cable will also pass (UL) NFPA 262 (UL) 910 and FT 6 flame test

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**AEROSPACE WIRE & CABLE INC.**

**PHONE:** 1800-395-0200  **FAX:** 1718-358-2522  **EMAIL:** SALES@AEROSPACEWIRE.COM
HI-TEMP (UL) TRAY CABLE

NEC ARTICLE 725 TYPE TC 600V 200C

PRODUCT HIGHLIGHTS

1. Suitable for direct burial and class 1 and division 2 locations

2. All unshielded tray cable designs include a fiberglass skiv tape binder for added protection and easy stripability

3. EU RoHS and Reach Compliant

4. (UL) TYPE TC 1277 Tested and approved. Passes (UL) VW-1, 1581, 1202 IEEE 383 Flame Test

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES
- VFD APPLICATION DESIGN AVAILABLE

*print legend is for rendering only
# (UL) Tray Cable

## NEC Article 725  Hi-Temp 600V 200C

| CABLE APPLICATIONS | Control Circuits NEC article 725  
|                    | Power Cables designed to supply power to many industrial applications  
|                    | (UL) listed for installations in cable trays, troughs, channels, ducts and conduits  
| RESISTANCE / SUITABILITY | Suitable for OSHA Hazardous Locations Class 1 Division 2  
|                         | Approved for direct burial. Wet and dry locations  
|                         | Sunlight, oil, gasoline, abrasion resistant. Vapor tight jacket  
| COLOR CODE | 12 Solid Colors plus striping  
|            | - Standard color code (chart 1 multiconductor - chart 3 multipair)  
|            | - K2 Color Code Chart also available  
| AWG | SIZE: 4 AWG – 18 AWG (Stranded ASTM B-8 / B133 Conductors)  
|     | MATERIAL: BC / TPC / SPC / NPC  
| SHIELDING | Unshielded / Foil Shield / Braid Shield  
|           | - Unshielded designs include Fiberglass Skiv Tape Binder  
| TEMPERATURE | (FEP) Low Temp minus 80C to Hi-Temp 200C  
| APPROVALS / STANDARDS | (UL) TYPE TC – 1227  
|                  | FLAME TESTS: (UL) VW-1, 1581, 1202 IEEE 383  
|                  | Reach RoHs compliant  

**THE DETAILS**

**INDUSTRIAL CABLES**

**Made in USA**

**PHONE:** 1800-395-0200 **FAX:** 1718-358-2522 **EMAIL:** SALES@AEROSPACEWIRE.COM
600V 200C FEP CABLE

TRAY - INSTRUMENTATION - CONTROL

PRODUCT HIGHLIGHTS

1. 20-30% reduced diameters compared to conventional cables.
2. FDA approved for applications in appliances in food and beverage plants.
3. EU RoHS and Reach Compliant
4. NEMA HP4 / TYPE K Insulated. HP 100.1 Jacket

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES
- SKIV TAPE BINDER FOR PROTECTION

*print legend is for rendering only
**THE DETAILS**

| CABLE APPLICATIONS                       | FDA approved for applications in appliances in food and beverage plants  
|                                          | Power Cables designed to supply power to many industrial applications |
| RESISTANCE / SUITABILITY                 | Harsh environments where contact with chemical, gas, oil, sunlight and water  
|                                          | Suitable for direct burial. Wet and dry locations  
|                                          | Excellent heat resistance |
| COLOR CODE                               | 12 Solid Colors plus striping  
|                                          | - Standard color code (chart 1 multiconductor - chart 3 multipair)  
|                                          | - K2 Color Code Chart also available |
| AWG                                      | SIZE: 6 AWG – 22WG (Stranded ASTM B-8 / B133 Conductors)  
|                                          | MATERIAL : TPC / SPC / NPC |
| SHIELDING                                | Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid  
|                                          | - Unshielded designs may include Fiberglass Skiv Tape Binder |
| TEMPERATURE                              | (FEP) Low Temp minus 80C to Hi-Temp 200C |
| APPROVALS / STANDARDS                    | PASSES FLAME TESTS: (UL) VW-1, 1581, 1202 IEEE 383  
|                                          | NEMA: HP-4 (M16878/11 INNERS) NEMA HP100.1 JACKET  
|                                          | Reach RoHs compliant |
FEP (UL) AWM

HI-TEMP HOOK UP WIRE

PRODUCT HIGHLIGHTS

1. Suitable in industrial or commercial environments
2. Used in internal wiring of appliances, electronic components, signal, control, and power applications
3. EU RoHS and Reach Compliant
4. 1,000’ minimum runs for smaller sized projects

EMPOWERING YOU TO DESIGN

- CONDUCTOR MATERIAL AND SIZE
- CONDUCTOR STRANDING
- SPECIAL COLOR CODES INCLUDING STRIPES

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THE DETAILS

CABLE APPLICATIONS
- Used in internal wiring of appliances and electronic components
- Class 2 circuitry, signal, control, power in industrial or commercial locations

RESISTANCE / SUITABILITY
- Suitable for direct burial. Wet and dry locations
- Sunlight, oil, gasoline, abrasion resistant

COLOR CODE
- 12 Solid Colors plus striping

AWG
- SIZE: 4/O AWG – 28AWG (Solid or Stranded ASTM B-8 / B133 Conductors)
- MATERIAL: BC / TPC / SPC / NPC

APPROVALS / STANDARDS
- (RU) / C (RU) AWM
- Flame Tests: NFPA 262, UL VW-1
- Reach RoHs compliant

<table>
<thead>
<tr>
<th>TEMPERATURE</th>
<th>600V</th>
<th>300V</th>
<th>NOT SPECIFIED</th>
</tr>
</thead>
<tbody>
<tr>
<td>105°C</td>
<td>–</td>
<td>–</td>
<td>(UL) 1227 / 1371</td>
</tr>
<tr>
<td>150°C</td>
<td>(UL) 1331 / 1887</td>
<td>(UL) 1333 / 1886</td>
<td>–</td>
</tr>
<tr>
<td>200°C</td>
<td>(UL) 1330 / 1901</td>
<td>(UL) 1332</td>
<td>–</td>
</tr>
</tbody>
</table>
FEP Mil-Spec Wire

M16878/11-12-13 NEMA HP4

PRODUCT HIGHLIGHTS

1. FEP is resistant to chemicals, oil, fuels, solvents, moisture and sunlight
2. Used for military, security, defense, and high frequency circuitry applications
3. EU RoHS and Reach Compliant
4. 1,000’ minimum runs for smaller sized projects

EMPOWERING YOU TO DESIGN

- CONDUCTOR MATERIAL AND SIZE
- CONDUCTOR STRANDING
- SPECIAL COLOR CODES
- VOLTAGES 250V / 600V / 1000V

RoHS
FEP Mil-Spec Wire

M16878/11-12-13 NEMA HP4

THE DETAILS

CABLE APPLICATIONS
- Military, security, defense, high frequency circuitry
- Electronic equipment and instruments, heating elements, motor leads, aircraft, military vehicles and powerplants

RESISTANCE / SUITABILITY
- Extreme weather, sunlight and suitable for direct burial
- Heat, flame, cold, chemicals, oil, fuels, gas vapors, solvents, abrasion and moisture

COLOR CODE
- 12 Solid Colors plus striping and numbering

AWG
- SIZE: 4/0 AWG – 30AWG (Solid or Stranded ASTM B-8 / B133 Conductors)
- MATERIAL: BC / TPC / SPC / NPC

APPROVALS / STANDARDS
- M16878/11 - 12 - 13 (NEMA HP4)
- Flame Tests: NFPA 262, UL VW-1
- Reach RoHs compliant

<table>
<thead>
<tr>
<th>MIL-SPEC STYLE</th>
<th>250V</th>
<th>600V</th>
<th>1000V</th>
</tr>
</thead>
<tbody>
<tr>
<td>M16878/13 - KT</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M16878/11 - K</td>
<td></td>
<td>X</td>
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</tr>
<tr>
<td>M16878/12 - KK</td>
<td></td>
<td></td>
<td>X</td>
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</tbody>
</table>
ETFE Hook-Up Wire
M22759/16 / 18 (NON QPL)

PRODUCT HIGHLIGHTS

1. Excellent nuclear radiation, abrasion, and chemical resistance.

2. Suitable for power plant applications

3. EU RoHS and Reach Compliant

4. Thinner insulation walls compared to XLP or rubber materials

EMPOWERING YOU TO DESIGN

- CONDUCTOR MATERIAL AND SIZE
- CONDUCTOR STRANDING
- SPECIAL COLOR CODES
- NORMAL DUTY OR HEAVY DUTY

RoHS
---

**ETFE Hook-up Wire**

**M22759/16 / 18 (NON QPL)**

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### THE DETAILS

<table>
<thead>
<tr>
<th>CABLE APPLICATIONS</th>
</tr>
</thead>
</table>
| □ Generators, motors, and mass transport systems  
| □ Battery and instrument components |

<table>
<thead>
<tr>
<th>RESISTANCE / SUITABILITY</th>
</tr>
</thead>
</table>
| □ Chemicals, acids, fuels, moisture, abrasion, and radiation resistance  
| □ Suitable for direct burial and installation in nuclear powerplants |

<table>
<thead>
<tr>
<th>COLOR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 12 Solid Colors plus striping and numbering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AWG</th>
</tr>
</thead>
</table>
| □ SIZE: 2 AWG – 26WG (Solid or Stranded ASTM B-8 / B133 Conductors)  
| □ MATERIAL: BC / TPC |

<table>
<thead>
<tr>
<th>APPROVALS / STANDARDS</th>
</tr>
</thead>
</table>
| □ Reach RoHs compliant  
| □ Constructed to M22759/16 and 18 specifications |

<table>
<thead>
<tr>
<th>MIL-SPEC STYLE</th>
<th>NORMAL DUTY - 600V</th>
<th>HEAVY DUTY - 600V</th>
</tr>
</thead>
<tbody>
<tr>
<td>M22759/16</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>M22759/18</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

---

**AEROSPACE WIRE & CABLE INC.**  
**PHONE: 1800-395-0200**  
**FAX: 1718-358-2522**  
**EMAIL: SALES@AEROSPACEWIRE.COM**
# PFA Hook-Up Wire

## Super Hi-Temp 260C 600V & 1000V

## THE DETAILS

<table>
<thead>
<tr>
<th>CABLE APPLICATIONS</th>
<th>Wiring of heaters, appliances, igniters and thermocouples</th>
</tr>
</thead>
</table>
| RESISTANCE / SUITABILITY | Chemicals, acids, fuels, moisture, abrasion, and radiation resistance.  
| | Suitable for direct burial, outdoor and wet locations. |
| COLOR CODE | 12 Solid Colors plus striping and numbering |
| AWG | SIZE: 2 AWG – 26WG (Solid or Stranded ASTM B-8 / B133 Conductors)  
| | MATERIAL : NPC |
| APPROVALS / STANDARDS | Reach RoHs compliant |
CONTACT US

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EMAIL: SALES@AEROSPACEWIRE.COM
FAX: 718-358-2522
WEBSITE: AEROSPACEWIRE.COM

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