

*** 2012 CATALOG**



aerospacewire.com

**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.



PLENUM CABLE

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

THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Power Limited Control Circuits <input type="checkbox"/> Audio, Alarm and Signal Use <input type="checkbox"/> Security and intercom systems and low voltage applications
<p>RESISTANCE / SUITABILITY</p> <p>(Fep only)</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sunlight, oil, gasoline, and abrasian resistant <input type="checkbox"/> Gas vapor tight jacket <input type="checkbox"/> Suitable for direct burial, outdoor, wet location and in-wall applications
<p>COLOR CODE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping - Standard color code (chart 1 multiconductor - chart 3 multipair)
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 10 AWG - 28 AWG (Stranded ASTM B-8) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid / Aluminum Armor <input type="checkbox"/> Fold Techniques Available: Short and Isolation Folds (Optional)
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> FEP - Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> E-CTFE Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> LOW SMOKE PVC - Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) c(UL) TYPE CMP NEC ARTICLE 800 <input type="checkbox"/> (UL) TYPE CL2P CL3P NEC ARTICLE 725 <input type="checkbox"/> FLAME TESTS: (UL) 910 / 1581 - NFPA 262 - FT6 (CMP ONLY) <input type="checkbox"/> Reach / RoHS compliant



600V 200C PLENUM CABLE

DUAL RATE PLENUM - (UL) AWM 20710

THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Power Limited Control Circuits NEC ARTICLE 725 / 800 <input type="checkbox"/> Audio, Alarm, Signal Use and security and intercom systems <input type="checkbox"/> Internal wiring of appliances and or electronic equipment
<p>RESISTANCE / SUITABILITY</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sunlight, oil, gasoline, and abrasian resistant <input type="checkbox"/> Gas vapor tight jacket <input type="checkbox"/> Suitable for direct burial, outdoor, wet location and in-wall applications
<p>COLOR CODE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping and numbering - Standard color code (chart 1 multiconductor - chart 3 multipair)
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG - 28 AWG (*AWG 20+ require SPC or NPC conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Stainless Steel Braid / Aluminum Armor <input type="checkbox"/> Fold Techniques Available: Short and Isolation Folds (Optional)
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> FEP - Low Temp minus 80C to Hi-Temp 200C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) c(UL) TYPE CMP NEC ARTICLE 800 <input type="checkbox"/> (UL) TYPE CL3P NEC ARTICLE 725 <input type="checkbox"/> (UL) AWM 20710 600V <input type="checkbox"/> FLAME TESTS: (UL) 910 / 1581 - NFPA 262 - FT6 (CMP ONLY) <input type="checkbox"/> 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



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PLENUM COAXIAL CABLES

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

THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Control Circuits NEC article 725 and Communication Circuits Article 800 <input type="checkbox"/> Audio / Visual / CCTV transmission applications
<p>RESISTANCE / SUITABILITY</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Suitable for outdoor, direct burial and in-wall installations <input type="checkbox"/> Wet and dry locations <input type="checkbox"/> Sunlight, oil, gasoline, abrasion resistant (FEP ONLY)
<p>COLOR CODE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping - standard color code is natural
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 10 AWG – 28 AWG (Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC / BCCS
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Quad Shield / Stainless Steel Over Braid
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> (E-CTFE) Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) CL2P CMP CL3P <input type="checkbox"/> Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 <input type="checkbox"/> Commercial Versions of RG 6 / 8 / 11 / 142 / 179 / 58 / 59 + MORE <input type="checkbox"/> 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
- 4** Suitable for RS-422, RS-232, RS-485 applications. Echelon compliant designs available.

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.



LOW CAP PLENUM CABLE

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

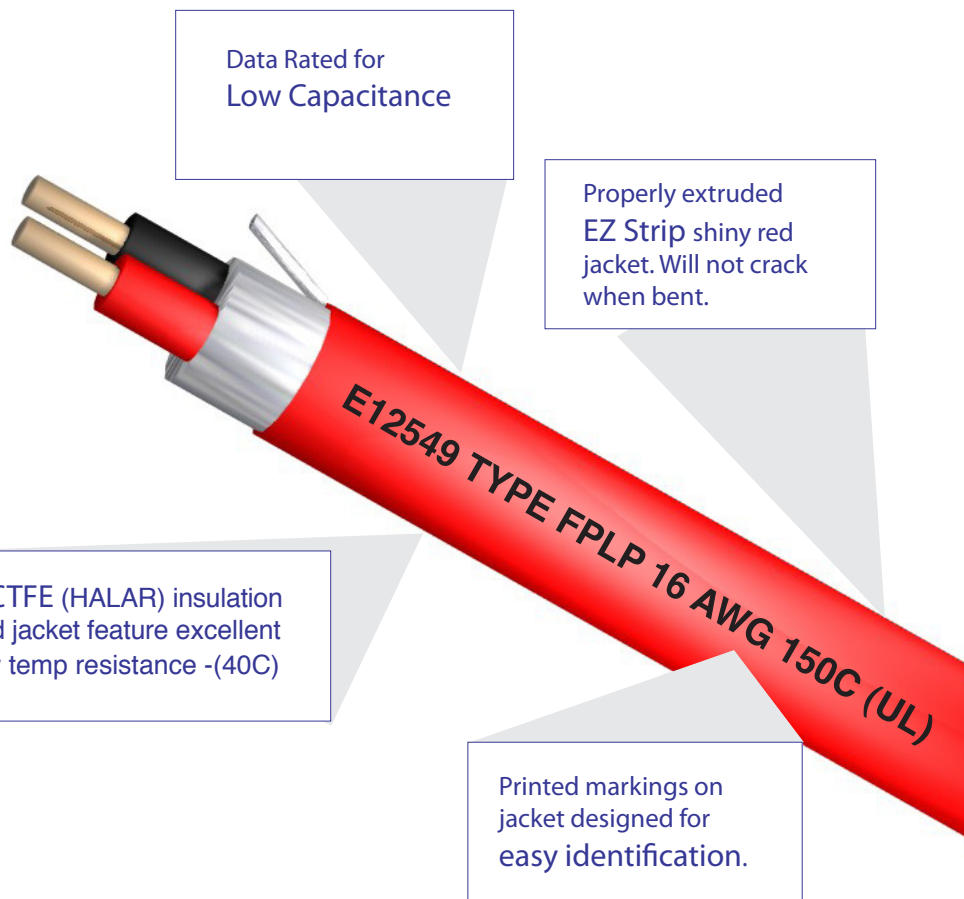
THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Power limited control circuits <input type="checkbox"/> Communication, audio and data transmission applications
<p>RESISTANCE / SUITABILITY</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Suitable for RS-422, RS-232, RS-485 computer cable applications <input type="checkbox"/> Echelon compliant cable designs available <input type="checkbox"/> Sunlight, oil, gasoline, vapor, abrasion resistant (FEP ONLY)
<p>COLOR CODE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping <ul style="list-style-type: none"> - Standard Chart 1 Conductors 1-10 & Chart 2: Conductors 11-25
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG – 28 AWG (Stranded ASTM B-8 / B133 Conductors) <ul style="list-style-type: none"> - AWG range differ per RS# computer cable application <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Individually shielded pairs <ul style="list-style-type: none"> - short and isolation fold designs available - color coded foil shields available
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) / (FOAM FEP) Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> (E-CTFE) Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) CL2P CMP CL3P PLTC (DUAL RATING AVAILABLE) <input type="checkbox"/> Passes flame tests: NFPA 262 (UL) 910 / 1581 and FT-4 FT-6 (CMP ONLY) <input type="checkbox"/> Reach RoHs compliant



INTRODUCING NYC'S FINEST Fire Alarm Cable

LL5 - FPLP NYC FIRE ALARM CABLE



CONTACT US FOR MORE INFORMATION

T: 1800-395-0200

F: 1718:358-2522

E: SALES@AEROSPACEWIRE.COM



AEROSPACE WIRE & CABLE ADVANTAGE

- 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



INTRODUCING NYC'S FINEST Fire Alarm Cable

LL5 - FPLP NYC FIRE ALARM CABLE

CABLE COMPARISON - HALAR VS PVDF

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

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?



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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



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FIRE ALARM CABLE

NEC ARTICLE 760 / (UL) FPLP Rated

THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Fire Alarm systems, Smoke and Heat Detectors, <input type="checkbox"/> Burglar Alarms, Fire Protective Circuits, Building Control Circuits <input type="checkbox"/> All power-limited circuitry applications
<p>RESISTANCE / SUITABILITY (FEP ONLY)</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sunlight, oil, gasoline, vapor, abrasion resistant <input type="checkbox"/> Suitable for direct burial, wet location, outdoor and in-wall installations
<p>COLOR CODE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping <ul style="list-style-type: none"> - Standard Chart 1 Multi-conductor Chart 3 - Multipairs - Color Matching, Striping, and Numbering Available
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG – 22 AWG (Solid or Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC (TPC / SPC / NPC designs available)
<p>SHIELDING / ARMOR</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Individually shielded pairs <input type="checkbox"/> Aluminum and galvanized steel armor available
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> (E-CTFE) Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) FPLP (DUAL RATING AVAILABLE- CL2P CMP CL3P) <input type="checkbox"/> Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 (CMP ONLY) <input type="checkbox"/> Reach RoHs compliant

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



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THERMOCOUPLE WIRE

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

THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Probes and temperature sensors <input type="checkbox"/> FDA approved applications, aircraft, cryogenic use and petrochemical plants <input type="checkbox"/> All power-limited circuitry applications
<p>RESISTANCE / SUITABILITY</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sunlight, oil, gasoline, vapor, abrasion resistant (FEP ONLY) <input type="checkbox"/> Suitable for direct burial and in-wall installations
<p>TYPES / COLOR CODES</p>	<ul style="list-style-type: none"> <input type="checkbox"/> TYPE K + CHROMEL (YELLOW) - ALUMEL (RED) <input type="checkbox"/> TYPE J + IRON (WHITE) - CONSTANTAN (RED) <input type="checkbox"/> TYPE E + CHROMEL (PURPLE) - CONSTANTAN (RED) <input type="checkbox"/> TYPE T + COPPER (BLUE) - CONSTANTAN (RED) - Custom color codes and special limits of error (SLE) types available
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG – 24 AWG
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Individually shielded pairs
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> (E-CTFE) Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) PLTC (DUAL RATING AVAILABLE- CL2P CMP CL3P) <input type="checkbox"/> Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 (CMP ONLY) <input type="checkbox"/> Reach RoHs compliant

(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



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(UL) PLTC

NEC ARTICLE 725 (UL) PLTC 300V POWER LIMITED

THE DETAILS

CABLE APPLICATIONS	<ul style="list-style-type: none"> <input type="checkbox"/> Control Circuits, Intercoms, POS systems, Audio, Signals, and Sensors <input type="checkbox"/> (UL) listed for installations in cable trays, troughs, channels, ducts and conduits <input type="checkbox"/> NEC Substitute for class 2 (CL2P) and class 3 (CL3P) plenum applications
RESISTANCE / SUITABILITY	<ul style="list-style-type: none"> <input type="checkbox"/> Suitable for OSHA Hazardous Locations Class 1 Division 2 <input type="checkbox"/> Approved for direct burial. Wet and dry locations <input type="checkbox"/> Sunlight, oil, gasoline, abrasion resistant. (FEP ONLY)
COLOR CODE	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping <li style="padding-left: 20px;">- Standard color code (chart 1 multiconductor - chart 3 multipair)
AWG	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG – 22AWG (Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
SHIELDING	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid
TEMPERATURE	<ul style="list-style-type: none"> <input type="checkbox"/> FEP Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> E-CTFE – Low Temp Minus 40C to Hi – Temp 150C <input type="checkbox"/> Low Smoke PVC – low temp minus 5C to Hi –Temp 60C
APPROVALS / STANDARDS	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) TYPE TYPE PLTC <input type="checkbox"/> Passes (UL) 1581 / FT-4 Flame Tests <input type="checkbox"/> Reach RoHs compliant <li style="padding-left: 20px;">- If dual rated with CL3P/ CMP cable will also pass (UL) NFPA 262 (UL) 910 and FT 6 flame test



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



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(UL) TRAY CABLE

NEC ARTICLE 725 HI-TEMP 600V 200C

THE DETAILS

CABLE APPLICATIONS	<ul style="list-style-type: none"> <input type="checkbox"/> Control Circuits NEC article 725 <input type="checkbox"/> Power Cables designed to supply power to many industrial applications <input type="checkbox"/> (UL) listed for installations in cable trays, troughs, channels, ducts and conduits
RESISTANCE / SUITABILITY	<ul style="list-style-type: none"> <input type="checkbox"/> Suitable for OSHA Hazardous Locations Class 1 Division 2 <input type="checkbox"/> Approved for direct burial. Wet and dry locations <input type="checkbox"/> Sunlight, oil, gasoline, abrasion resistant. Vapor tight jacket
COLOR CODE	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping <ul style="list-style-type: none"> - Standard color code (chart 1 multiconductor - chart 3 multipair) - K2 Color Code Chart also available
AWG	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 4 AWG – 18 AWG (Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
SHIELDING	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield <ul style="list-style-type: none"> - Unshielded designs include Fiberglass Skiv Tape Binder
TEMPERATURE	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C
APPROVALS / STANDARDS	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) TYPE TC – 1227 <input type="checkbox"/> FLAME TESTS: (UL) VW-1, 1581, 1202 IEEE 383 <input type="checkbox"/> Reach RoHs compliant

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 Inners. 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



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600V 200C FEP CABLE

TRAY - INSTRUMENTATION - CONTROL

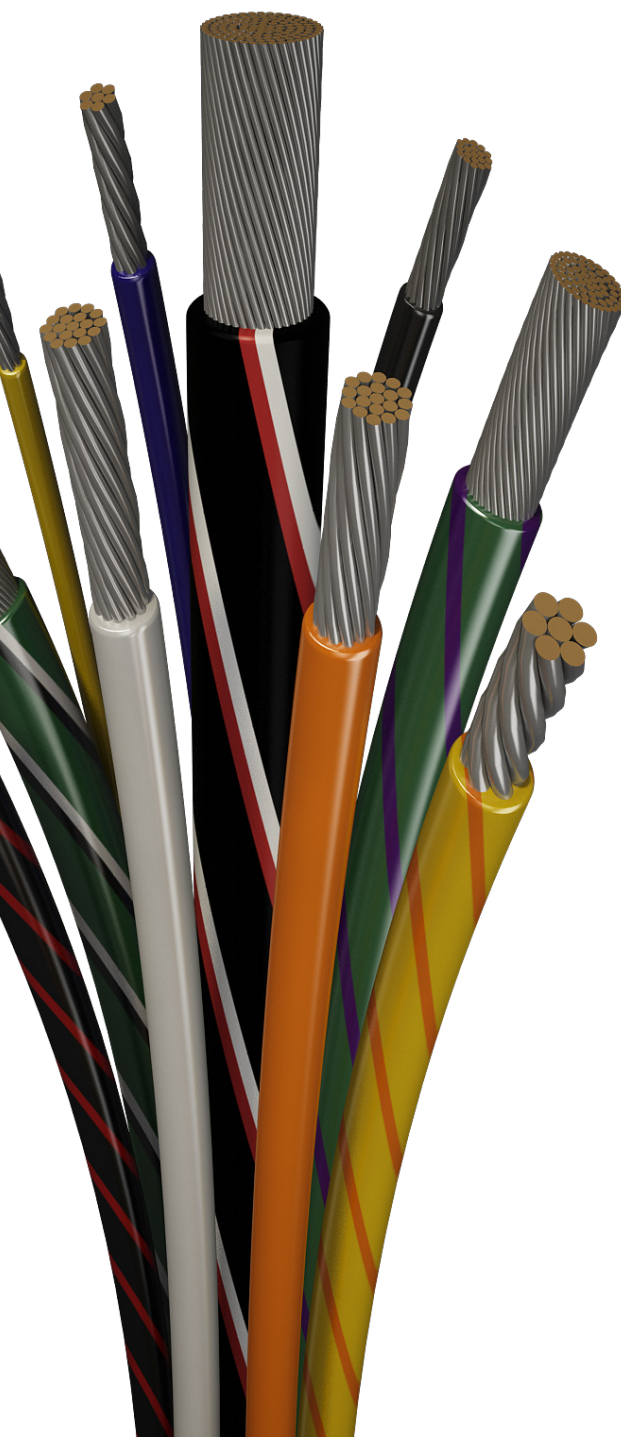
THE DETAILS

CABLE APPLICATIONS	<ul style="list-style-type: none"> <input type="checkbox"/> FDA approved for applications in appliances in food and beverage plants <input type="checkbox"/> Power Cables designed to supply power to many industrial applications
RESISTANCE / SUITABILITY	<ul style="list-style-type: none"> <input type="checkbox"/> Harsh environments where contact with chemical, gas, oil, sunlight and water <input type="checkbox"/> Suitable for direct burial. Wet and dry locations <input type="checkbox"/> Excellent heat resistance
COLOR CODE	<ul style="list-style-type: none"> <input type="checkbox"/> 12 Solid Colors plus striping <ul style="list-style-type: none"> - Standard color code (chart 1 multiconductor - chart 3 multipair) - K2 Color Code Chart also available
AWG	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 6 AWG – 22WG (Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : TPC / SPC / NPC
SHIELDING	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Stainless Steel Overbraid <ul style="list-style-type: none"> - Unshielded designs may include Fiberglass Skiv Tape Binder
TEMPERATURE	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C
APPROVALS / STANDARDS	<ul style="list-style-type: none"> <input type="checkbox"/> PASSES FLAME TESTS: (UL) VW-1, 1581, 1202 IEEE 383 <input type="checkbox"/> NEMA: HP-4 (M16878/11 INNERS) NEMA HP100.1 JACKET <input type="checkbox"/> 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





FEP (UL) AWM

HI-TEMP HOOK UP WIRE

THE DETAILS

CABLE APPLICATIONS	<input type="checkbox"/> Used in internal wiring of appliances and electronic components <input type="checkbox"/> Class 2 circuitry, signal, control, power in industrial or commercial locations
RESISTANCE / SUITABILITY	<input type="checkbox"/> Suitable for direct burial. Wet and dry locations <input type="checkbox"/> Sunlight, oil, gasoline, abrasion resistant
COLOR CODE	<input type="checkbox"/> 12 Solid Colors plus striping
AWG	<input type="checkbox"/> SIZE: 4/O AWG – 28AWG (Solid or Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
APPROVALS / STANDARDS	<input type="checkbox"/> (RU) / C (RU) AWM <input type="checkbox"/> Flame Tests: NFPA 262 , UL VW-1 <input type="checkbox"/> Reach RoHs compliant

TEMPERATURE	600V	300V	NOT SPECIFIED
105C	-	-	(UL) 1227 / 1371
150C	(UL) 1331 / 1887	(UL) 1333 / 1886	-
200C	(UL) 1330 / 1901	(UL) 1332	-

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





FEP MIL-Spec Wire

M16878/11-12-13 NEMA HP4

THE DETAILS

CABLE APPLICATIONS	<input type="checkbox"/> Military, security, defense, high frequency circuitry <input type="checkbox"/> Electronic equipment and instruments, heating elements, motor leads, aircraft, military vehicles and powerplants
RESISTANCE / SUITABILITY	<input type="checkbox"/> Extreme weather, sunlight and suitable for direct burial <input type="checkbox"/> Heat, flame, cold ,chemicals, oil, fuels, gas vapors, solvents, abrasian and moisture
COLOR CODE	<input type="checkbox"/> 12 Solid Colors plus striping and numbering
AWG	<input type="checkbox"/> SIZE: 4/O AWG – 30AWG (Solid or Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC / SPC / NPC
APPROVALS / STANDARDS	<input type="checkbox"/> M16878/11 - 12 - 13 (NEMA HP4) <input type="checkbox"/> Flame Tests: NFPA 262 , UL VW-1 <input type="checkbox"/> Reach RoHs compliant

MIL-SPEC STYLE	250V	600V	1000V
M16878/13 - KT	X		
M16878/11 - K		X	
M16878/12 - KK			X

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





ETFE Hook-up Wire

M22759/16 / 18 (NON QPL)

THE DETAILS

CABLE APPLICATIONS	<input type="checkbox"/> Generators, motors, and mass transport systems <input type="checkbox"/> Battery and instrument components
RESISTANCE / SUITABILITY	<input type="checkbox"/> Chemicals, acids, fuels, moisture, abrasion, and radiation resistance <input type="checkbox"/> Suitable for direct burial and installation in nuclear powerplants
COLOR CODE	<input type="checkbox"/> 12 Solid Colors plus striping and numbering
AWG	<input type="checkbox"/> SIZE: 2 AWG – 26WG (Solid or Stranded ASTM B-8 / B133 Conductors) <input type="checkbox"/> MATERIAL : BC / TPC
APPROVALS / STANDARDS	<input type="checkbox"/> Reach RoHs compliant <input type="checkbox"/> Constructed to M22759/16 and 18 specifications

MIL-SPEC STYLE	NORMAL DUTY - 600V	HEAVY DUTY - 600V
M22759/16		X
M22759/18	X	



PFA Hook-Up Wire

Super Hi-Temp 260C 600V & 1000V

THE DETAILS

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



AEROSPACE

WIRE & CABLE INC.

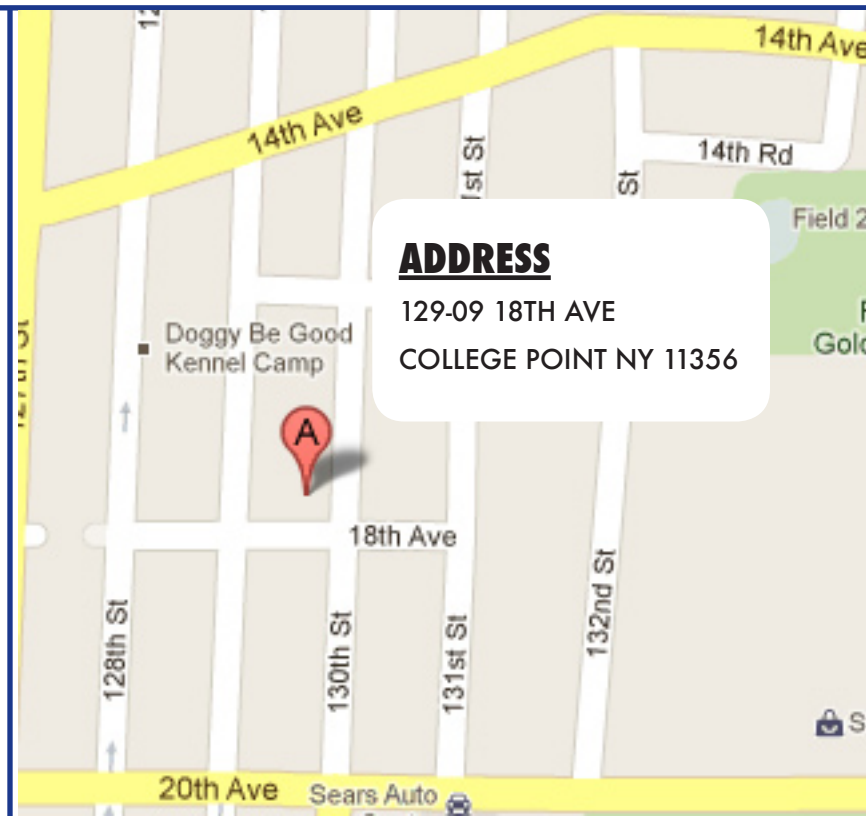
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