

Custom Engineered Cable Solutions

Applications & Solutions Guide

FROM A PHONE CALL, A PENCILED SKETCH, OR A COMPLETED DRAWING, WE HAVE THE ABILITY TO WORK WITH YOU TO FIND THE OPTIMAL SOLUTION FOR YOUR PROJECT.



Non-insulated Conductors:

- Single-end Buss Wires
- Stranded Conductors 42 AWG - 1500 MCM
- Flat and Tubular Braids
- Braid over Rope-lay Core
- Braid over High-Strength **Textile Cores**



- 50 or 75 Ω Coaxes
- DataMax Extreme™ Cat 5e Cables
- **Custom Composite Cables**
- Outdoor & Direct Burial





Medical & Dental Equipment:

- Miniature Coaxial Cable
- Disposable Cables
- **USP Class VI Compounds**
- **Powered Surgical Tools**
- Neo-natal Monitoring
- MRI Cables
- **RF Stimulation Cables**



Military Applications:

- Mil-Spec / SAE Spec Wires
- **RG Type Coaxes**
- Rugged Cables
- DataMax Extreme™ Cables
- **Power Distribution Cables**
- Communication & Control Cables
- High-strength Aerial Wires for portable radio communications
- Application Specific Designs



Hook-Up Wires:

- UL / CSA AWM Types
- Mil-Spec Wires
- Automotive / SAE Wires
- **Environmentally Safe Wires**
- High Temperature Wires
- Ultra-flexible wires utilizing conductors stranded from 44 AWG and finer wires



Intelligent Traffic Systems:

- Electronic Sensor & Video based designs
- (UL) Listed Designs
- Outdoor & Direct Burial Cables
- Large Capacity Reels Available

Alternative Energy Systems:

- Wireless Telemetry
- Communication & Control Cables
- (UL) Listed WTTC cables
- PV Cables
- Litz Cables



Hybrid Buses & Commercial Vehicles:

- HVA-Flex™ | SAE J 1654 600 Volt / 125°C
- SAE J 1127 / J 1128
- Light Weight Wires
- Mil-Spec Grade Wire
- **Custom Composite Cables**

Contact Information





Main Office: +1 603 787 2200 Fax: +1 603 787 2221 E-mail: info@orion-wire.com

