

WIRE & CABLE SPECIALTIES, FOR ALL YOUR WIRE AND CABLE NEEDS



1-800-690-4801 | www.wcswire.com | Rockledge, Florida

Custom Harnesses - Custom Cable Assemblies - Low Capacitance Cables
Polyethelene & Teflon - UL Style Wire and Cables - Article 725, 750 and 800 Plenum Cable

WIRE AND CABLE SPECIFICATIONS

| | | | |
|----------------------|---|--------------------|---|
| 10603 | Hook Up Wire (HTXE) Army Drawing 12293251 | MIL-W-27300 | PTFE Aircraft Wire |
| M16878 | Type E Shielded Cables (STJ and SFJ) | MIL-W-3861 | Uninsulated Copper Wire |
| MIL-C-13486 | Heavy Duty Vehicle Cable | MIL-W-5086 | Aircraft Cable |
| MIL-C-13777 | Multi-Conductor Missile Ground Support Cable | MIL-W-583 | Magnet Wire |
| MIL-C-17 | Coaxial Cable | MIL-W-7139 | High Temperature Aircraft Wire |
| MIL-C-24145 | Shipboard Cable | MIL-W-76 | Vinyl Insulated General Purpose Hook-up Wire |
| MIL-C-24640 | Shipboard Cable | MIL-W-81044 | Irradiated Aircraft & Hook-up Wire, SAE AS81044 |
| MIL-C-24643 | Low Smoke Shipboard Cable | MIL-W-81381 | Kapton (Polyimide) Insulated Wire, MIL-DTL-81381 |
| MIL-C-25038 | High Temperature Fire Resistant Cable | MIL-W-81822 | Wire Wrap |
| MIL-C-25313 | Airframe Cable | MIL-W-83420 | Stainless Steel Aircraft Wire |
| MIL-C-27072 | Aircraft Cable | MIL-W-8777 | Silicone Rubber Insulated Aircraft Wire |
| MIL-C-27500 | Shielded and/or Jacketed Aircraft & Missile Cable | MS-17411 | Mineral Filled Abrasion Resistant PTFE |
| MIL-C-3432 | 300V & 600V Insulated Power & Control Cable | MS-17412 | Mineral Filled Abrasion Resistant PTFE |
| MIL-C-5136 | Airport Lighting Cable | MS-18000 | Mineral Filled Abrasion Resistant PTFE |
| MIL-C-5502 | NEMA WC 55021 | MS-18001 | Mineral Filled Abrasion Resistant PTFE |
| MIL-C-55021 | PTFE & PVC Cable | MS-21985 | Extruded PTFE Hook-up Wire |
| MIL-C-5898 | Buna jacketed Flexible Cords | MS-21986 | Extruded PTFE Hook-up Wire |
| MIL-C-7078 | Shielded and/or Jacketed Airframe Cable | MS-25190 | Airframe Cable |
| MIL-C-85485 | SAE AS85485 | MS-25471 | Silicone Rubber Insulated Aircraft Wire |
| MIL-C-915 | Shipboard Cable | MS-27110 | FEP Jacketed High Temperature Wire |
| MIL-DTL-27072 | M27072 | MS-27125 | High Temperature Fire Resistant Wire |
| MIL-DTL-3432 | CO Cables | MS-90294 | High Temperature Wire |
| MIL-DTL-49055 | Ribbon Cable | MSFC-332 | Power Cable |
| MIL-W-13169 | Instrument Test Lead Wire | NAS-702 | PVC Hook-up Wire & Cable |
| MIL-W-16878 | Vinyl, PTFE, & Polyethylene Electronic Hook-up | NAS-703 | PTFE Hook-up Wire & Cable |
| MIL-W-22759 | M22759, Various Aircraft & Hook-up Wire | QQ-B-575 | AA59569 - Round and Flat Braided Tinned Copper Wire |
| MIL-W-25038 | WIRE, ELECTRICAL, HIGH TEMPERATURE | QQ-W-343 | Uninsulated Bare & Tinned Copper Wire AA59551 |
| | | QQ-W-423 | Stainless Wire |

TUBING AND SLEEVING SPECIFICATIONS

| | | | |
|-----------------------|------------------------------|---------------------|-----------------------------------|
| MIL-I-23053/1 | Neoprene Heat Shrink Tubing | MIL-T-43435 | Lacing Tape |
| MIL-I-23053/2 | Polyvinylchloride | MIL-I-22129 | Teflon Standard Wall |
| MIL-I-23053/3 | Polyvinylchloride Semi Rigid | MIL-R-M46846 | Neoprene Shrink |
| MIL-I-23053/4 | Dual Wall-SCL | MIL-P-22296 | Plastic Tubes & Tubing - Teflon |
| MIL-I-23053/5 | Polyolefin | AMS-3653 | Standard Wall Spaghetti Tubing |
| MIL-I-23053/6 | Polyolefin Semi Rigid | AMS-3654 | Light Wall Spaghetti Tubing |
| MIL-I-23053/7 | Polyethylene Terephthalate | AMS-3655 | Thin Wall Spaghetti Tubing |
| MIL-I-23053/8 | Kynar | MIL-I-631 | PVC Tubing |
| MIL-I-23053/9 | Fuloro Silicone Rubber | MIL-I-3190 | Insulation Sleeving |
| MIL-I-23053/10 | Silicone Rubber | MIL-I-7444 | Low temp. non shrink flexible PVC |
| MIL-I-23053/11 | F.E.P. - Teflon | MIL-I-18057 | Fiberglass Sleeving |
| MIL-I-23053/12 | Teflon | | |

SPECIALTIES

| | | | | | |
|--------------------|------------------|--------------------|------------------|----------------------|---------------|
| MS-17821 | Cable Ties | MS-18034 | Cable Ties | JW-1171 | Magnet Wire |
| MS-3367 | Cable Ties | MS-20995 | Lock Wire | MIL-T-43435 | Lacing Tape |
| M83519/1 +2 | Solder Sleeves | M83519/1 +3 | Solder Sleeves | Boeing BMS#'s | M13486 |
| ST5M 1284 | ST5M 1323 | 5M103 | 5M2870 | 5M2356 | 5M2619 |
| ST5M 1298 | 5M2873 | ST5M 1247 | ST5M 1212 | 5M2635 | 5M2142 |
| 5M2022 | 5M592S | 5M388#'s | 5M2619 | 5M1005 | M85485 |



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| <u>Mil-Spec Wire & Cable</u> | <u>PVC Wire & Cables</u> | <u>Data Cables</u> | <u>Specialty Cables</u> | <u>High Temp Teflon/ Tefzel</u> |
|----------------------------------|------------------------------|--------------------|-------------------------|-------------------------------------|
| Atlas Wire | Alpha Wire | Alpha Wire | Andrews | Alpha Wire |
| Alpha Wire | Atlas Wire | Belden | Mohawk | Belden |
| Belden | Belden | Carol | Helix-Hi Temp | Cable USA |
| Barcel Wire & Cable | Berk Tek | Coleman Cable | Cablewave | Dearborn |
| Harbour Industries | Dearborn | Consolidated Cable | Times Microwave | Harbour Industries |
| Judd Wire | Carol | CommScope | Times Fiber | Nexans / Alcatel |
| Nexans/Alcatel | Judd Wire | Dearborn | Data Guide | Helistrand |
| Rockbestos/Suprenant | National Wire | General Cable | Rowe Industries | Barcel Wire & Cable |
| Thermax | Quabbin Wire & Cable | Madison | | Specialty Cable |
| Helistrand | | Manhattan | | Quirk Wire |
| W. L. Gore | | National Wire | | Thermax |
| | | | | W. L. Gore |

| <u>PVC Coaxial</u> | <u>High-Temp Coaxial</u> | <u>Semi-Rigid Coaxial</u> | <u>Ribbon Cables</u> | <u>Metal Braids</u> |
|--------------------|--------------------------|---------------------------|----------------------|---------------------|
| Alpha Wire | Alpha Wire | EZ-Form Cable | Alpha Wire | Alpha Wire |
| Belden | Belden | Haverhill Cable | Belden | Continental Cordage |
| Alpha Wire | Harbour Industries | Micro-Coaxial | 3M | Hamilton Products |
| Cablewave | Thermax | Precision Tube | Spectra-Strip | |
| Carol | Nexans / Alcatel | | Hitachi | <u>Poly Braids</u> |
| Coleman Cable | Specialty Cable | | W. L. Gore | Bentley / Harris |
| | | | | Techflex Braided |
| General Cable | | | | Sleeving |
| Times Microwave | | | | Alpha Wire |
| Manhattan | | | | Federal Mogul |
| Remee | | | | Zipper Tubing |
| Times Fiber | | | | |
| Times Microwave | | | | |

| <u>SO/SJ Power Cords & Cables</u> | <u>Magnet Wire</u> | <u>Connectors</u> | <u>Solder Sleeves</u> | <u>Tubing / Sleeving</u> |
|---|--------------------|-------------------|-----------------------|--------------------------|
| AIW | Essex | Corning/Gilbert | Summitomo | ARK - PLAS |
| Coleman Cable | Camden | Phoenix/Palco | Raychem | Alpha Wire |
| Belden | Phelps Dodge | Trompeter | | 3M |
| Berk Tek | | | | Andrews |
| Alpha Wire | | | | Insultab |
| General Cable | | | | Markel Corporation |
| | | | | Parker / Atlantic |
| | | | | Zipper Tubing |

Major Credit Cards Accepted | Same Day Ship On Stock Items | No Purchase Order Minimums

Call or Email: 1-800-690-4801, sales@wcswire.com

Woman Owned Small Business

Cage Code: 1W2G3

Custom Harnesses - Custom Cable Assemblies -
Low Capacitance Cables
Polyethelene & Teflon - UL Style Wire and
Cables - Article 725, 750 and 800 Plenum Cable