

Custom, Hybrid + Composite

Custom Technical Cable Engineered to Your Specifications.

NWI leads the industry in fast turnaround, with delivery of bulk cable and retractile cable from Design-to-Deliver in 5 Days or Fewer with no minimum order length or quantity requirements. NWI offers free design and rapid prototyping services to encourage customers to explore innovative solutions.

Numerous Options for Maximum Performance.

To exceed your expectations and conform to your exact specifications, NWI offers a wide range of cable options:

Grades

- FDA approved
- Food grade
- Medical grade
- USP Class VI approved

Copper: 36 - 2 AWG

- Plating
 - High Strength Alloys
 - Nickel
 - Silver
 - Tin
- Stranding
 - Bunched
 - Concentric / Unilay
 - Rope Lay
 - Unilay
 - and more...

Breather Tubes

- Nylon
- PE (Polyethylene)
- PUR (Polyurethane)
- PVC (Polyvinyl chloride)

Fillers

- PP (Polypropylene)
- PES (Polyester)
- Nylon
- Cotton
- Paper

Shielding

- Aluminum Foil Tape
- Aluminized Polyester Tape
- Braid
 - Basket Weave
 - Spiral
 - Serve
- Tinned copper
- Stainless Steel

Strength Members

- Aramid Fiber
- Carbon Fibers
- Flame Resistant Meta-Aramid Fiber
- Galvanized Carbon Steel
- Glass Fibers
- Glass Reinforced Plastic

Tapes / Wraps

- FEP (Fluorinated Ethylene Propylene)
- Foam PP (Polypropylene)
- Paper
- PES (Polyester)
- PTFE (Polytetrafluoroethylene)
- Spun Nylon

Water Blocking

- Conductors
- Fillers
- Tapes

Extrusion and Molding Materials

- Fluoropolymers
 - ECTFE (Ethylene Chlorotrifluoroethylene)
 - ETFE (Ethylene Tetrafluoroethylene)
 - FEP (Fluorinated Ethylene Propylene)
 - PFA (Perfluoroalkoxy)
 - PVDF (Polyvinylidene Fluoride)
- PE (Polyethylene)
 - Foam XLPE (Cross-Link)
 - HDPE (High Density)
 - LDPE (Low Density)
 - LLDPE (Linear Low Density)
 - MDPE (Medium Density)
 - XLPE (Cross-Link)
- PES (Polyester)
- PP (Polypropylene)
 - Foam
 - FRPP (Flame Resistant)
- PUR (Polyurethane)

- PVC (Polyvinyl Chloride)
 - Flexible
 - Semi-Conductive
 - SR (Semi-Rigid)
- TPE (Thermoplastic Elastomer)
- TPR (Thermoplastic Rubber)

Connectors

- Amp
- Amphenol
- Deutsch
- FCI
- Hirose
- Intercontec
- ITT/Cannon
- JST
- Kobiconn
- LEMO
- Molex
- Norcomp
- Pass and Seymour
- Pomona
- Tyco

Terminations

- Conformal coatings
- Epoxy
- Hand Crimp
- Insulation Displacement
- Pneumatic Crimp
- Potting
- Solder