

PRODUCT PORTFOLIO SUMMARY CATALOG

Cable · Fiber · Wire · Accessories · Insulation · PPE — North American Power Infrastructure

Mirabel Energy USA is a full-spectrum cable, wire, and electrical accessory manufacturer serving utilities, EPCs, independent power producers, and data center developers across North America. Distributed exclusively through **GCP Energy LLC** — an authorized OEM representative with stocking operations in **Reno, NV** and **Houston, TX** — Mirabel products are engineered to meet the demand of grid-scale transmission, substation construction, industrial infrastructure, and mission-critical data center power systems.

| Product Category | Product Lines | Voltage Range | Key Standards |
|---|--|--------------------|------------------------------|
| MV Cable (15kV) | MV-90/105 · XLPE · EPR · Direct Burial | 15 kV | ICEA S-93-639 / UL 1072 |
| Fiber Optic Cable | OS2 · OM3/4/5 · Armored · ADSS · Ribbon · Breakout | SM / MM | ITU-T G.652 / IEC 60793 |
| Building Wire & Cable | THHN · XHHW · USE-2 · MC · AC · NM-B · TC · Control | 600V | UL 83 / UL 44 / NEC |
| HV Transmission Cable | XLPE · EPR · SCFF · Pipe-Type · Submarine · Extruded | 69kV–500kV+ | IEC 60840 / IEEE 404 |
| Mining, Marine & Submersible | Type W/G · SHD · Shipboard · Offshore · Pump Cable | 600V–35kV | MSHA / IEEE 1580 / IEC 60092 |
| Bushing Covers (6 Types) | Busbar · Transformer · Switch · Clamp · Arrester | 1–220kV | RoHS / ISO 9001 |
| Cold Shrink (EPDM/Silicone) | AN102/103/104 · Cable splice · Sealing · Protection | 1–35kV | ISO 37 / IEC 60502-4 |
| Heat Shrink (Polyolefin) | 2:1 / 3:1 / 4:1 · Standard · Heavy Wall · Kynar® | LV–MV | UL 224 / IEC 60684 |
| Rubber Goods & PPE | Gloves (Cl.00–4) · Blankets · Line Hose · Sleeves | 500V–36kV | ASTM D120 / IEC 60903 |

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|---|--|---|
| STOCKING & DISTRIBUTION Reno, NV · Houston, TX Standard & custom reel lengths Project-phased releases available | OEM REPRESENTATIVE GCP Energy LLC Salt Lake City, UT · Houston, TX portal.gcpenergy.us | CERTIFICATIONS ISO 9001 · ISO 14000 · RoHS MSHA · UL · IEC · ASTM IEEE · ICEA · NEC Compliant |
|---|--|---|

MEDIUM VOLTAGE CABLE

| Product / Type | Description | Voltage Rating | Standard / Reference |
|---------------------------|---|----------------|-------------------------|
| 15kV MV-90 / MV-105 Cable | Wet/dry, conduit, direct burial, sunlight-rated. 90°C continuous / 130°C emergency / 250°C fault. | 15 kV | ICEA S-93-639 / UL 1072 |

- 1,000 lbs./ft sidewall pressure rating
- Lube-free jacket options available
- XLPE and EPR insulation systems

FIBER OPTIC CABLE

■ Strand Counts: 12 · 24 · 48 · 144 · 256 Strand Configurations

| Product / Type | Description | Voltage Rating | Standard / Reference |
|------------------------|---|----------------|----------------------|
| Single-Mode OS2 | Long-haul backbone — maximum reach, minimal attenuation | SM | ITU-T G.652.D |
| Multi-Mode OM3/OM4/OM5 | 40G/100G+ data center interconnects, short-range runs | MM | IEC 60793-2-10 |
| Armored Fiber | Steel armor — mechanical protection, industrial environments | SM/MM | Telcordia GR-20 |
| Direct Burial Fiber | Gel-filled / dry-blocked — underground without conduit | SM/MM | Telcordia GR-20 |
| ADSS Aerial Fiber | All-dielectric self-supporting — overhead utility spans | SM | IEEE 1222 |
| Indoor/Outdoor Fiber | Dual-rated — eliminates building entry splice points | SM/MM | NFPA 262 |
| Ribbon Fiber | High-density mass-fusion splicing — large-count infrastructure | SM | IEC 60793 |
| Breakout Fiber | Individual sub-unit jackets — direct termination, no breakout kit | SM/MM | — |

BUILDING WIRE & CABLE