



Wire & Cable

ALL PRODUCTS REFERENCE GUIDE



**ROYAL ELECTRIC SUPPLY
COMPANY**

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24/7 Emergency Material Access

NORTH AMERICA

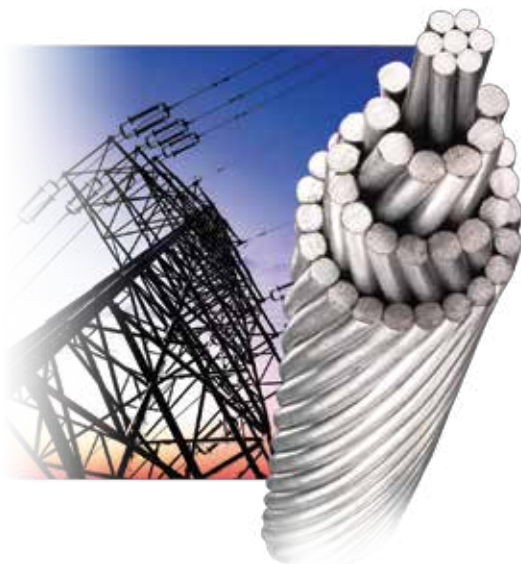
General Cable is at the forefront in the development, design, manufacture, marketing and distribution of aluminum, copper and fiber optic wire and cable for the energy, construction, industrial, specialty and communications markets. We are One Company with the broadest product offering and global reach in the wire and cable industry.

With leading brands and a vast portfolio of products—each representing a solution to market-specific challenges and requirements—General Cable is committed to powering our partners' growth and success.

This is the power of partnership. This is General Cable. Put us to work.



Energy



BICC® Brand PowrServ® and PowrNet® Low-Voltage Distribution Cables

Underground Network Cable; Underground Distribution Cable; Service Drop Cable Neutral-Supported

BICC® Brand EmPowr® Medium-Voltage Distribution Cables

5 kV – 35 kV Concentric Neutral Underground Distribution Cable – EPR or TRXLPE; 5 kV – 35 kV Copper Wire and Copper Tape Shielded Cable – EPR or TRXLPE; 5 kV – 35 kV Longitudinally Applied Corrugated Tape (LACT) Shielded Cable – EPR or TRXLPE; 15 kV – 35 kV PowrPak® Flat Strap-PILC Replacement Cable – EPR; CDC® Combined Duct & Cable

Silec® Brand Underground High- and Extra-High-Voltage Solutions

Underground Transmission Cables up to 5000 kcmil; Voltage Ratings up to 500 kV; Terminations; Joints; Accessories; Turnkey Services

BICC® Brand TransPowr® Bare Overhead Conductors

AAC; AAC/TW; AAAC; ACAR; ACSR; ACSR/AW; ACSR/TW; ACSS; ACSS/AW; ACSS/TW; AAC/T-2®; ACSR/T-2®; ACSR/SD; Weatherproof Overhead Line Wire; Copper-Clad Steel Grounding Conductor; Aluminum Tie Wire

NSW® Brand and ECN® Submarine Transmission & Distribution Solutions and Optical Ground Wire (OPGW)

Construction



Aluminum Alloy Feeder, Service Entrance & Armored Cables

STABILOY® Brand – MC Cable; Jacketed MC Cable; XHHW-2 and WIDESTRIPE HS® XHHW-2; FeederPlex HS® XHHW-2; USE-2/RHH/RHW-2; SEU/SER; 2000 V RHH/RHW-2

NUAL® Brand – ACWU90; AC90; RW90; WIDESTRIPE® RW90; RWU90; NMD90; FeederPlex HS® RW90; TECK90

PDIC® Brand – XHHW-2; SEU/SER; USE-2/RHH/RHW-2

Copper Feeder Cables Building Wire

600 V Copper Building Wire – THHN/THWN-2; XHHW-2 CT; Tri-Rated USE-2; TFFN; 600 V/1000 V CSA RW90, RWU90 and T90; 17 FREE® line of XHHW-2 with no halogens

Industrial



Carol® Brand Cord & Cordset Products

Rubber Cord Products – Super Vu-Tron® and Carolprene® Types SJ00W/S00W, S00W, SJ00W, S0, SJ, SV0; 17 FREE® line of Types S00W & SJ00W with no halogens

Plastic Cord Products – UltraFlex® Types SJE00W, SE00W, STOW, SJTO, STO, SVT, SJT, SJT 105° C; Bus Drop Cable; Thermostat Wire

Industrial Cord Products – Super Vu-Tron® and Carolprene® Types W*, G, G-GC*; Drill Cord; Welding Cable; Diesel Locomotive Cable (DLO); Entertainment Industry & Stage Cable; HMI and Socopex Lighting Cable; CarolGrene™ UltraFlex® Electric Vehicle Cable [*Flat and Round Construction]

Industrial-Grade Mining Cables – Types W, G, G-GC; Welding Cable; Diesel Locomotive Cable (DLO)

Specialty Cord Products – Types HPN; MTW; TFF; AWM; CSA TEW; THW; SPT; Low-Voltage Landscape Lighting Wire; Low-Voltage Sprinkler Wire

Cordset Products – FrogHide® Outdoor Extension Cords; Specialty Cords; Appliance Cords; Temporary Lighting; Power Supply Replacement Cords; Plug-it® Extension Cord Accessories

Industrial Cables

300 V & 600 V Instrumentation Cables (CHTC®; CVTC®; FREP®; GenFree®; PVC®; VNTC®) – XLPE/XL-CPE; FR-EPR/CPE; FR-EPR/XL-CPE; XLPE/PVC; PVC/PVC; PVC/Nylon/PVC; XLPE/ARCTIC-PVC; XLPE/LSZH

600 V Multi-Conductor Control and Power Cables (Arctic-Flex®, CCTC™; CHTC®, CVTC®, EHTC®, FREP®, GenFree®, TC-Flex™; VNTC®) – XLPE/XL-CPE; FR-XLPE/CPE; FR-EPR/XL-CPE; FR-EPR/CPE; XLPE/ARCTIC-PVC CSA; XLPE/PVC; XLPE/PVC VFD; PVC/Nylon/PVC; PE/PVC/PVC; XLPE/LSZH

600 V Flexible Control & Power Cables (NVN®) – PVC/Nylon/Neoprene; PVC/Nylon/PVC; PVC/PVC

600 V Industrial Power Cables (DuraSheath®, GenFree®, SunGen®, Super Vu-Tron®, Unicon® FREP®) – EPR/XL-CPE; FR-EPR/XL-CPE; FR-EPR; XLPE/LSZH; EPR/CPE; XLPE; XLPE/PVC; XLPE/LSZH; GenFree™ line of Types XHHW-2 & RHH/RHW-2/USE-2 with no halogens

2.4 kV – 35 kV Industrial Medium-Voltage Cables (DuraSheath®, GenFree® Uniblend®, UniShield®) – 2400 V Non-Shielded EPR/XL-CPE; 5 kV – 35 kV EPR/Copper Wire Shield/CPE; 5 kV – 35 kV EPR/Copper Tape Shield/PVC or CPE, Single or Three Conductor; 5 kV & 15 kV TRXLPE/Copper Wire Shield/PVC; 5 kV – 35 kV EPR/Copper Tape Shield/LSZH

600 V – 35 kV Industrial Armored Cables (Duralox®, Uniblend®) – 600 V XLPE/PVC AIA; Non-Shielded 2400 V EPR/PVC AIA; 5 kV – 35 kV EPR/PVC AIA

600 V – 28 kV TECK90, HVTECK, VERTITECK® – 600 V XLPE/PVC/AIA/PVC; 1000 V & 5 kV XLPE/PVC/AIA/PVC; 5 kV – 28 kV TRXLPE/PVC/AIA/PVC; 1 kV, 5 kV & 15 kV XLPE/PVC/GSIA/PVC; 600 V XLPE/AIA/PVC

600 V – 35 kV Armored Cables for Hazardous Locations – CCW® UL Type ITC-HL/PLTC, MC, MC-HL, CSA Type RA90/HL, ABS CWCMC

Renewable Cables

SunGen® Solar Energy Cables – Photovoltaic Wire - 600 V, 1000 V & 2000 V EPR/XL-CPE; XLPE; XLPE/PVC; XLPO/LSZH

Wind Energy Cables – Nacelle Cables; Tower Cables, EmPowr® Link CL™ Collection System Cables, Substation & Transmission Cables, Grounding and SCADA System Cables

Specialty



Automotive

ProSpark® and MagStar® Coil-on-Plugs & Ignition Wire Sets; Prestolite Wire® Brand Primary Wire & Battery Cable; Wire Harnesses Including: Powertrain/Engine and In-Transmission Harnesses, Fuel Systems-Related Harnesses, High-Voltage Cable Assembly Design & Development, Interior Systems Harnesses & Specialty Interface Connectors; Battery Cable Assemblies Including: Highly Flexible Cable Assemblies in Copper & Aluminum, High-Voltage Power Supplies & EV/Plug-in Hybrid Charging Cables; Automotive Approvals Including: SAE J1127; SAE J1128; ISO6722 Class A, B, C and D

Brand Rex Brand Military

M24643; QUIK-PREP® M24643 Power Cable; M24643 Communications Cable; NAVSEA Coaxial, Twinaxial & Triaxial Cable; M85045F; M85045F & M49291C; NextGen® Air Blown Fiber System; Combat® Series Military Tactical Fiber Cables; Copper and Fiber Assemblies

Anaconda® Brand Mining

Anaconda® Brand Mining-Grade Cables – Types W*, G, G-GC*, G-CGC, SHD, SHD-GC, SHD-CGC, MP-GC (*Flat and Round Construction)

Brand Rex Brand Oil and Gas (Offshore & Onshore)

IEEE 1580 Type P MOR Polyrad® XT & XT VFD; IEEE 1580 Type LSX & LSX-FS; IEEE 1580 Type E MV-RIG®; CCW® UL Type ITC-HL/PLTC, MC-HL—ABS CWCMC; X-Tract® Type 5 ESP Cables; Commodore® Data Communications Category Cables, Coaxial Cables, Industrial Automation Cables, and Fiber Optic Communication Cables; Application-Specific Cable Assemblies

Brand Rex Brand Transit/Locomotive

600 V & 2000 V Polyrad® XT Single and Multi-Conductor; 600 V & 2000 V Polyrad® XT-TX NYCT Type TX Single Conductor; 600 V Polyrad® Ultra Single and Multi-Conductor; Polyrad® LSHF EN Cables- 50264, 50306, 50382; 480 V TRANSPOWER Head-End Power (HEP) Cables; DLO 2000 Volt Flexible Cable; Electronically Controlled Pneumatic Brake Cable (ECP); Fiber Optic and Copper Communications Cable; Copper & Fiber Assemblies

Brand Rex Brand Nuclear

ULTROL® 60+ Nuclear Class 1E and Non-Class 1E Power, Control, Instrumentation, Coaxial/Triaxial, Switchboard and Non-Nuclear Communications Cable for Power Plant Generation; Original Equipment Manufacturers (OEMs); Storage and Waste Management

Wire Harnesses & Assemblies

Simple or Complex; Copper and Fiber; Overmold; Industrial; Communications; Medical; Transit



Communications



Carol® Brand Electronic Cables

Hook-Up Wire; Multi-Conductor and Multi-Paired Shielded and Unshielded Communication & Control Cable; Multi-Conductor and Multi-Paired Computer Cable; Coaxial and Twinaxial Cable; Microphone Cable; Fire Alarm Cable; Sound & Security Cable; Plenum Cable; Industrial Ethernet Cable; Special Application and Composite Cable; CSA Approved Cable; EXZEL® High-Endurance PVC and LSZH Multi-Conductor and Multi-Paired Communications Cables; 17 FREE® line of RG 59/U Standard and Siamese Coaxial Cable with no halogens

GenSPEED® Brand Copper Premise Products

Category 6A 10 Gig Unshielded and Shielded, Category 6, Category 5e and Category 3 in CMP, CMR or CMR/CMX (Outdoor) Ratings; Armored Single and Multiple Category Cables; 17 FREE® line of Cat 6A, Cat 6 and Cat 5e Riser Cables with no halogens

Gepco® Brand Broadcast, Professional & Commercial A/V Cables

Analog & Digital Audio Cables; Video Cables; Camera & Fiber Optic Solutions; Network, Automation & Lighting Control Cables; Touring & Stage Lighting Cables; Specialty Cables like HydroBloc™ Water-Resistant Cables and ABS/Shipboard; Custom Copper and Fiber Cable Assemblies; Custom Panels; Commercial A/V Solutions

NextGen® Fiber Optic Products

Loose Tube Outside Plant Cables; Tight Buffer Premise Cables; Indoor/Outdoor Cables; Interconnect Cables; Specialty and Combat® Series Military Tactical Cables; NextGen® Air Blown Fiber System; 17 FREE® line of Tight Buffer Distribution Type CMR Cables with no halogens

Specialty Products

Residential Composite Cable and Bundled Category Cables, Indoor/Outdoor Station Wire, Cross-Connect and Distribution Frame; Commodore™ Copper and Fiber Communications Cable for Offshore and Marine Shipboard; NSW® Brand Telecom Mini-Sub Cables

Telecommunication Cables

Air Core Copper Cable; Filled Core Copper Cable; Buried & Aerial Wire Products; Central Office Wire



 General Cable


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