



Engineered with Quality
for Superior Performance



GENERAL CABLE & NUAL® BRAND

NAMES SYNONYMOUS WITH EXCELLENCE



**NUAL Brand
Type ACWU90**



**NUAL Brand
FeederPlex
HSRW90**

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. As part of General Cable's portfolio of wire and cable products, NUAL Brand aluminum alloy building wire offers RW90, RWU90, AC90, and ACWU90 constructions of power distribution feeder cables for the Canadian market.

Our NUAL Brand ACM (Aluminum Conductor Material) conductors were introduced to the Canadian market in 1980. These CSA-certified conductors meet all of the requirements of the Canadian Electrical Code and are specifically formulated for use in building wire applications. Just as important, NUAL Brand conductors provide superior value and quality to the electrical contractor, thereby enabling building owners to create cost-effective, sustainable, energy-efficient structures.



QUALITY

The Most Important Thing We Manufacture is Quality.

Quality is of utmost importance to General Cable. That is why we test every meter of every aluminum alloy feeder cable we manufacture. Because NUAL Brand aluminum alloy feeder cable is 100% tested for quality, its reliability, durability and safety are all guaranteed.

Each NUAL Brand single conductor and NUAL Brand FeederPlex HS® assembly is tested using state-of-the-art AC spark testing technology to ensure product quality.



PERFORMANCE

Performance is Paramount to General Cable.

- High-quality NUAL Brand aluminum alloy features a unique composition of metals that is specially engineered for superior performance in building feeder applications.
- NUAL Brand uses a properly designed, well-controlled annealing process to give the right balance of conductor properties, including strength, conductivity, flexibility, connectability and thermal stability.
- Unidirectional/Unitay stranding with fully annealed conductors results in less spring-back and reduced pulling tension during conduit installations.
- Compact stranding and batch annealing allows for minimal cross-section, yet very flexible conductor.

Exclusive use of XLPE insulation means 90°C operation, the ability to withstand superior short-circuit temperature, and better tolerance to mechanical abuse.

At General Cable, we also offer a full range of bare and insulated wires to both the utility and distribution markets, and we support them with technical experts specifically trained to help our customers achieve their desired end results.

In addition, our distribution centre, technical centre and manufacturing facilities have attained ISO registrations 9001-2008 (Quality Management System) and 14001 (Environmental Management System) and OHSAS certification 18001 (Occupational Health & Safety Management).

Above all, we believe that our customers' satisfaction relies entirely on the quality of our products. That's why we work so very hard to ensure that each and every product we manufacture is consistently superior to anything else on the market.

Quality + Performance = Confidence. It all adds up!

**NUAL Brand
RW90**



CONFIDENCE

You Can Depend On Us With Confidence.

General Cable's global presence affords us a greater vision and understanding of design and application requirements under UL, CSA, IEC, CEC, GB, and NOM Electrical Codes. It also means that we're experts at technology transfer, value optimization, and providing solutions to customers with challenging design requirements. Add our worldwide network of application engineers, and you can depend on unequalled technical and market support that cuts across all national boundaries, time zones, languages, cultures and industries.

NUAL Brand Aluminum Alloy: The Confident Choice

- Twice the ampacity of copper per kilogram
- Safe termination
- Excellent insulation
- Specially engineered for superior performance
- Lighter, more flexible, easy to install
- A cost-effective solution for your application



INNOVATION

Our Innovations Drive Your Success.

In the air or underground, General Cable's products have powered Canada for over a century. As a longtime supplier to the utility power industry, General Cable has the expertise and experience to help you successfully achieve your transmission and distribution goals. In addition to providing high-quality aluminum and copper cable products, we also strive to create new product innovations for the marketplace.

NUAL Brand FeederPlex HS® (High Speed) offers lower pulling tension due to plexing, which means reduced chance of damage during installation. Our NUAL Brand FeederPlex HS assemblies can be sold in a coil. They do not need a reel for shipment, hence less weight during shipping and less landfilling with non-returnable reels. Should General Cable use reels, they are returnable.



SUSTAINABILITY

Sustainability – the Capacity to Endure.

Aluminum alloy is readily available and infinitely recyclable. In addition, NUAL Brand aluminum alloy conductors are manufactured in an environmentally responsible manner.

- NUAL Brand aluminum alloy conductor metal is 100% recyclable.
- General Cable's operations feature reduced waste, emissions and discharges.
- NUAL Brand contains no heavy metals and is RoHS* compliant.
- General Cable's RW90 insulation provides a longer life than other insulations, thereby extending the total life of the installation and thus reducing waste.
- General Cable's cable jackets are free of lead and cadmium stabilizers*.

*Denotes compliance to RoHS, Directive 2011/65/EU



156 Parkshore Drive
Brampton, Ontario L6T 5M1
Telephone: 800.561.0649
905.494.5300
Email: infoca@generalcable.com
www.nual.com

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