

STABILOY[®] advantage[™]

STABILOY[®] aluminum alloy features a unique composition of metals that is specially engineered to give you the same performance as copper with less weight, less cost and greater flexibility.



Conductivity

It's true. Aluminum conductors carry twice the current per pound as equivalent ampacity copper conductors. This is a significant performance advantage that utilities depend on for the national power grid. In feeder cable applications, the same performance advantage of aluminum can be realized by using STABILOY aluminum alloy instead of copper.



Insulation

No question about it. STABILOY aluminum alloy conductors feature superior insulation. In fact, the cross-linked polyethylene (XLPE) insulation on STABILOY conductors performs better in cold impact, wet electrical and long-term aging tests. This makes it a better insulation for every application.



Termination

Why mix metals? STABILOY aluminum alloy conductors terminate safely with industry standard dual-rated aluminum lugs. The "similar metals" connection eliminates thermal expansion mismatch, which translates into a safe and reliable termination.



Quality

It's a fact. Alcan Cable tests every foot of every aluminum alloy feeder cable that it manufactures. Because STABILOY aluminum alloy feeder cable is 100% tested for quality – its reliability, durability and safety are all guaranteed!



Performance

High-quality STABILOY aluminum alloy features a unique composition of metals that is specially engineered for superior performance in building feeder applications.



Confidence

You can rest assured. If aluminum is the utility companies' preferred choice for carrying power all the way from the generator on the grid, it's the right choice for the last 100 feet of power delivery – feeder cable.



Ease-Of-Use

STABILOY aluminum alloy feeder cable is much easier to install. Maintenance for STABILOY and copper is equal. This makes it more time-efficient and more cost-effective as well.



Value

At twice the ampacity per pound, not only is aluminum more cost-effective than copper, but the price of aluminum is much more stable than the price of copper.



Sustainability

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