

Cable Lore

ANACONDA 

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THE OLDER TIME TESTED STANDARD CABLES WERE BUILT WITH A GOOD MARGIN OF SAFETY. MANY WITH MODIFICATIONS HAVE BEEN UPGRADED, THE UPPER LIMITS HAVE BEEN VERY NEARLY REACHED.

We get a kick out of the statement, "What's new about cables that still have copper and are round and black?" Upon first glance, there appears to be some truth to this observation but a deeper look indicates that the old philosophy - "There is nothing constant but change" - applies to the cable business. Practically every standard cable that has been around for any length of time has undergone many modifications.

The present UniBlend cable is an excellent example of the result of constant research and modification. The older standard AB Durasheath was built with substantial insulation walls and every design feature incorporated that would insure reliability. Research consistent with field experience and improved manufacturing skills has resulted in a new design, smaller in diameter and lighter in weight.

Experience has shown that it literally takes years to develop the full potential of a polymer. This was true of natural rubber, neoprene, butyl, polyethylene, and PVC to name a few. Statistically, the limits must be moved slowly and backed by sound engineering.

There is some indication that with presently known insulations and jackets the physical and electrical limits are in sight. Excessive reduction in wall thicknesses or extension of thermal limits will only cut into the factor of safety.

In the meantime research continues to develop new products and product reliability to meet this constantly changing field of application.

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