

JANUARY 31, 1983

TYPE "AFTW" MULTIPLE SHEATH CABLES

(Card No. 1)

Each is a waterproof, compound-filled cable having the following characteristics:

Conductors: No. 26 AWG copper.

Insulation: Dual expanded high density polyethylene (an inner layer of white foam polyethylene and an outer skin of colored solid polyethylene).

Filling Compound: The core is filled with an improved waterproofing compound which retains reliability of waterproof system, eliminates need for solvent-cleaning for encapsulated splices, improves low-temperature handling, and reduces inconvenience and soiling when handling cable.

Sheath: ASP (aluminum, steel, and polyethylene jacket) core wrap, aluminum, and steel are coated with a flooding compound to resist corrosion and block water leakage in the sheath interfaces.

Conductor Resistance: Maximum average 440 OHMS per loop mile; individual pairs not to exceed 464 OHMS per loop mile at 68°F.

Dielectric Strength: Insulation able to withstand a dc potential of not less than 1.7 kV between conductors and not less than 10 kV between conductors and sheath. Core-to-sheath, 5.0 kV dc.

Capacitance: Average mutual ac capacitance 0.083 μ F per mile of cable. Maximum average not to exceed 0.087 μ F per mile of cable at 60°F.

AFTW-25 thru AFTW-900 cables are fully color coded and all pairs are guaranteed.

AFTW-1200 thru AFTW-3000 are mirror image PIC. These cables contain extra pairs; the number of pairs shown in the code is the number guaranteed.

Suitable for buried installation in nonpressurized systems.