

JULY 31, 1980

TYPE "KLAW" MULTIPLE SHEATH CABLES

(Card No. 1)

Each code is a waterproof, compound-filled cable bisected by a transverse screen to segregate pairs providing opposite directions of T-carrier transmission with the following characteristics:

Conductors: No. 22 AWG copper.

Insulation: DEPIC (Dual expanded high density polyethylene); an inner layer of white foam polyethylene and an outer skin of colored solid polyethylene. Core is filled with a waterproofing compound.

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.

Capacitance: Average ac capacitance is 0.083 μ F per mile of cable at 900 or 1000 Hz at 60°F.

Conductor DC Resistance: Approximately 173 OHMS per loop mile at 68°F.

Dielectric Strength: Capable of withstanding a dielectric test of not less than 2500 Vdc between conductors and 10,000 Vdc between conductors and sheath.

Insulation Resistance: Not less than 1000 MEGOHMS per mile.

Attenuation: Approximately 1.55 dB/1000 feet at 96 kHz.

Initial use: Buried cable for T-carrier transmission in non-pressurized systems.