

FEBRUARY 28, 1983

TYPE "DCMZ" MULTIPLE SHEATH CABLES

(Card No. 1)

Consist of an air-core DEPIC cable.

The pair density is 15% - 20% greater than the pair density of pulp-insulated cable.

Conductors: No. 24 AWG copper.

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

Core: Cable core is made up of 100-pair multiunits, each consisting of 4 binder groups (blue, orange, green, and brown) of 25 pairs with the standard PIC color code.

A pulp-insulated pair is included in the core as a moisture indicator; a green-white pair may be included (manufacturer's option) to replace the red-blue pair if it is defective. It is required that at least one pulp-insulated pair be free from factory defects. Either pair (except when indicated to be defective on the Defective Pair Report) may be used before and after placement to determine whether the core is dry. If the cable core is wet, the insulation resistance of the pulp-insulated pairs will be 50 KILOHMS or less.

Sheath (Bonded Stalpeth): Aluminum, corrugated steel, and polyethylene jacket. The steel is adhesively bonded to the polyethylene jacket. Bonded stalpeth sheath resists buckling during installation better than unbonded stalpeth sheath and is more resistant to moisture diffusion.