

REVISED DATA FOR 17-GAUGE U AND UA DISTRIBUTION WIRE

The values shown below supersede the similar values for 17-gauge U distribution wire in the tabulation on Page 6 of Section AB22.082, Issue 1. These revised values are in conformity

with the data for this buried wire given in Tables 6 and 7 on Pages 106 and 107 of Section AB42.027, Issue 4. These values also apply to UA distribution wire.

Loop Resistance per mile (68°F)	54.0 ohms
Mutual Capacitance per mile	.122 mf (a) .135 mf (b)
Characteristic Impedance at 1000 Cycles	
Non-Loaded	265 $\sqrt{39^{\circ}}$ ohms (a) 255 $\sqrt{39^{\circ}}$ ohms (b)
Loaded (L-44)	530 $\sqrt{7^{\circ}}$ ohms (a) 510 $\sqrt{7^{\circ}}$ ohms (b)
Attenuation Loss per mile at 1000 Cycles	
Non-Loaded	1.19 db (a) 1.25 db (b)
Loaded (L-44)	.58 db (a) .60 db (b)

- (a) Initial values after one day soaking in water.
(b) Estimated values after five to ten years in ground, depending upon moisture conditions in soil.