

DESCRIPTION: DATA FOR MULTIBAND ANTENNA

E. P.

DRAWING NO. 1742

MATERIAL:

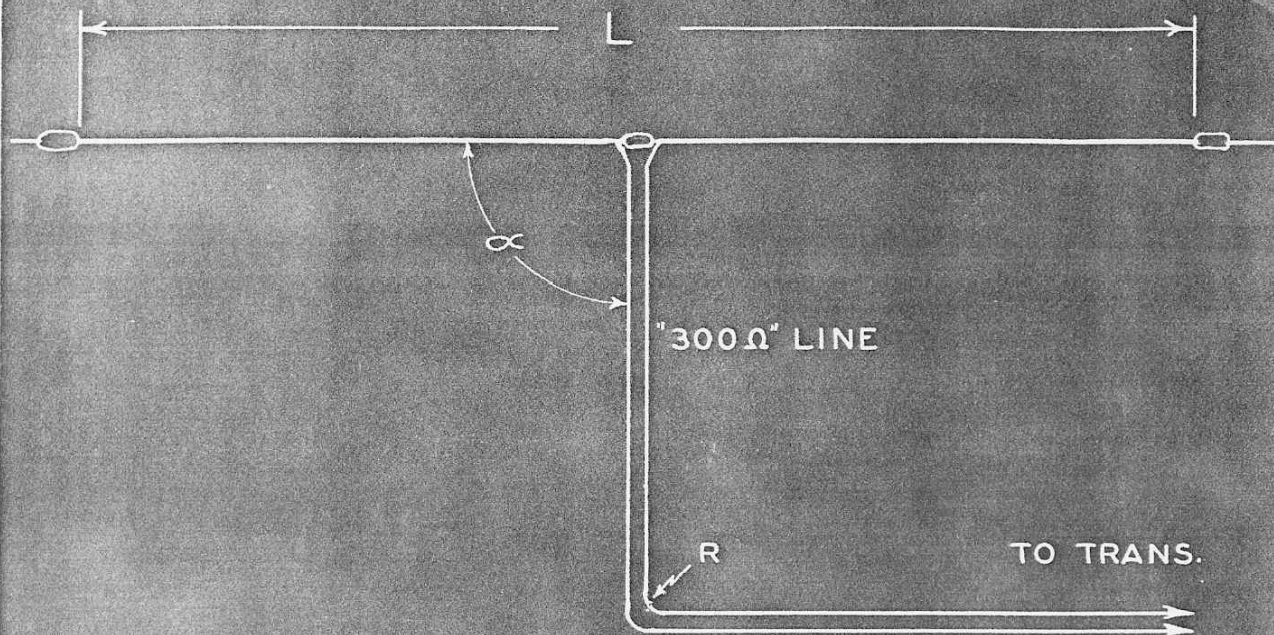
DRAWN BY: A.A.C.

COLLINS RADIO COMPANY
CEDAR RAPIDS, IOWA

TRACED BY: R.G.A.

FINISH:

DATE: 4-3-1935



ANTENNA TYPE	"A"	"B"	"C"
LENGTH OF ANTENNA, FEET	99	133	266
LENGTH OF LINE, FEET	82½	48½	48½
FREQUENCY RANGE, MC	14.0 - 14.4	14.0 - 14.4	14.0 - 14.4
	7.0 - 7.3	7.0 - 7.3	7.0 - 7.3
	4.0 - 3.7	4.0 - 3.7	4.0 - 3.5
			2.0 - 1.7

ANTENNA CONSTRUCTION: No. 10 B & S hard drawn enameled copper with 6" insulators at ends and center. Supported 40' or more above ground.

TRANSMISSION LINE: Two 1/4" copper or aluminum tubes spaced 1-1/2" by means of Isolantite or impregnated maple blocks at intervals of 20". Radius of bends not less than 1'. Angle with antenna any value between 45° and 135°. line may be doubled back to obtain required length if necessary.

ENGINEERING DEPARTMENT
Collins Radio Company
Cedar Rapids, Iowa