

WINDING DATA.

OUTPUT TRANSFORMERS.

Transformer. 4967P.

Two bobbins as below;

Former:	Moulded bakelite bobbin.
1/2 Primary:	2220 turns 42 swg double enamel covered copper wire.
Intermediate insulation:	2 layers silk.
Screen:	1 layer 2" copperfoil.
Intermediate insulation:	2 layers silk,
1/2 600ohm Secondary:	423 turns 40 swg. double enamel covered copper wire.
Intermediate insulation:	2 layers silk.
1/2 2.5ohm Secondary:	28 turns 24 swg. enamel copper wire
Coil finish:	2 layers silk.

Two bobbins as above wired in series.

Core: R.C.S.C. Lamination No. 530
0.8" stack. Radiometal 0.015" thick.
Gap core.

4968P.

CHOKE.

Former:	1/16" S.R.P.B. tube.
Coil:	4000 turns 24 swg. enamel covered copper wire. Wound in 24 layers with 0.0015" paper interleaving.
Coil Finish:	3 layers 0.005" paper.

Core:	2 loops E.371001 C-Core. Gap Core.
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4969P.

MAINS TRANSFORMERS.

Inside insulation:	1/16" bakelite tube.
Primary 1.	30 + 299 + 45 - 23 swg enamel covered copper wire. .005" paper interleaving.
Intermediate insulation:	3 layers .005" paper.

Primary 2: 20 + 299 + 45 - 25 awg enamel covered copper wire.
 Intermediate insulation: 5 layers .005" paper.
 Screen: 1 layer .002" copperfoil.
 Intermediate insulation: 5 layers .005" paper.
 Secondary 1: 94 + 491 + 491 94 - 20 awg enamel covered copper wire.
 11 layers .002" paper interleaving.
 Intermediate insulation: 5 layers .005" paper.
 Secondary 2: 16 turns 16 awg enamel covered copper wire-
 (wound side by side in 1 layer)
 Secondary 3: 10 + 10 turns 20 awg enamel covered copper wire.
 (wound side by side in 1 layer)
 Intermediate insulation: 5 layers .005" paper.
 Secondary 4: 10 + 10 turns 16 awg enamel covered copper wire.
 (wound in 1 layer)
 Coil finish 5 layers .005" paper.

Cores:
 2 loops 1.271010 C-Core.
 Closed core.

EDDYSTONE '770U' UHF COMMUNICATIONS RECEIVER.

The first valve (V1) in this model is now a type 6AM4 instead of the 6AJ4 specified in the Instruction Manual. The performance is practically identical using either valve and the one is a direct replacement for the other.