



MAY 1962

ABRIDGED - CATALOGUE

SECTION 8

FILTER CHOKES

SHEET 1

TYPE NO.	INDUCTANCE AT RATED D.C. mA HENRIES	D.C. RATING mA	D.C. RESISTANCE OHMS.
CF447	20	10	950
CF101	30	25	1050
F12/50	12	50	500
F14/60	14	60	446
CF103	30	60	475
CF105	15	80	325
CF104	30	80	580
F6/100	6	100	240
F12/100	12	100	265
CF107	30	100	375
CF196	20	125	255
F2/150	2.5	150	125
CF108	12	150	180
CF109	20	150	225
F2.5/200	2.5	200	71
CF396	4	200	50
CF110	12	200	105
CF111	16	200	165
F1.5/250	1.5	250	45
CF112	10	250	80
CF113	5 to 20	250 to 50	00
F1/285	1	285	48
F1/300	1	300	50
CF364	1	300	50
F1/325	1	325	27
CF445	5	325	80
CF435	0.030	1.25A	0.5
CF115	0.07	2A	0.6
CF566	0.02H	5A	0.15



FILTER CHOKE

F1-300

BOBBIN WOUND

JULY, 1960.

TYPE F1-300

Ferguson Type F1-300 Filter Choke is bobbin wound with special enamel covered wire. It is primarily intended for use in television receivers, but has application in other electronic equipment drawing relatively high H.T. current.

RATING

INDUCTANCE (At rated current + 10V 50 cps.) .. 1 Henry
D.C. CURRENT RATING 300 Milliamperes
MAX. D.C. CURRENT 350 Milliamperes
D.C. RESISTANCE (At 25°C) 30 Ohms

MOUNTING

Wrap-over bracket with mounting feet.

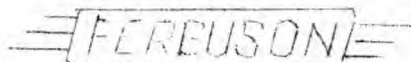
DIMENSIONS

HEIGHT 2 inches
WIDTH (Over Coils) 1-5/8 inches
LENGTH 2-3/8 inches
OVERALL LENGTH (Inc. Mtg. Feet) 3-1/4 inches
MOUNTING CENTRES 2-13/16 inches
APPROXIMATE WEIGHT 1-lb

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally, both 7-1/2 inches long. START - Black, FINISH - Yellow.

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TV FILTER CHOKE

F1/325

TYPE F1/325

JANUARY, 1958.

Ferguson type F1/325 TV Filter Choke is designed to meet the demand for an economical low D.C. resistance filter choke for television receivers.

It is wax impregnated for protection against ingress of moisture.

RATING

INDUCTANCE (At rated current + 10V 100 cycles) ... 1 Henry
D.C. CURRENT RATING 325 Milliamperes
D.C. RESISTANCE (At 25°C) 27 ohms

MOUNTING

Wrap-over bracket, cadmium plated, firmly crimped to the core.

DIMENSIONS

HEIGHT 2 - 1/4 inches
WIDTH (Over coils) 2 - 1/8 inches
LENGTH 2 - 3/4 inches
OVERALL LENGTH (inc. mtg. feet) 3 - 11/16 inches
MOUNTING CENTRES 3 - 1/8 inches
APPROXIMATE WEIGHT 2 - lbs.

CONNECTIONS

Leads 10/010. PVC insulated, firmly anchored internally,
Start-Black, Finish-Yellow, both 7 - 1/2 inches long.

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FILTER CHOKE
BOBBIN WOUND
TYPE F1.5/250

F1.5/250
JULY, 1960.

Ferguson Type F15/250 Filter choke is bobbin-wound with special enamel covered wire. It is primarily intended for use in television receivers and electronic equipment drawing relatively high H.T. current.

RATING

INDUCTANCE (At rated current + 10V 50 cps) .. 1.5 Henries
D.C. CURRENT RATING 250 Milliamperes
MAX. D.C. CURRENT 300 Milliamperes
D.C. RESISTANCE (At 25°C) 45 Ohms

MOUNTING

Wrap-over bracket with mounting feet.

DIMENSIONS

HEIGHT 2 inches
WIDTH (Over Coils) 1-5/8 inches
LENGTH 2-3/8 inches
OVERALL LENGTH (Inc.Mtg.Feet) 3-1/4 inches
MOUNTING CENTRES 2-13/16 inches
APPROXIMATE WEIGHT 1-lb.

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally, both 7-1/2 inches long. START - Black, FINISH -Yellow.

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FERGUSON

FILTER CHOKE

F2/150

TYPE F2/150

MARCH 1963

Ferguson Type F2/150 Filter Choke is designed to meet the demand for a small economical choke for stereo amplifiers and similar applications.

It is vacuum wax impregnated for protection against ingress of moisture.

RATING

INDUCTANCE (At rated current + 10V 100 cps).....2.5 Henries
D.C. CURRENT RATING 150 Milliamperes
D.C. RESISTANCE (At 25°C) 125 ohms

MOUNTING

Wrap-over bracket, cadmium plated, firmly crimped to the core.

DIMENSIONS

HEIGHT 1-3/4 inches
WIDTH (Over Coils) 1-5/8 inches
LENGTH 2-5/32 inches
OVERALL LENGTH (Inc. Mtg. Feet) 3 inches
MOUNTING CENTRES 2-1/2 inches
APPROXIMATE WEIGHT..... 14 oz.

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally
Start - Black, Finish - Yellow, both 7-1/2 inches long.



FILTER CHOKE

F2.5/200

TYPE F2.5/200

AUGUST 1962

Ferguson Type F2.5/200 Filter Choke is designed to meet the demand for a small economical choke for stereo amplifiers and similar applications.

A bobbin wound winding fully varnish impregnated is used to produce a high quality component.

RATING

INDUCTANCE (At rated current + 10V 100 cps)..... 2.5 Henries
D.C. CURRENT RATING 200 Milliampères
D.C. RESISTANCE (At 25°C) 71 ohms

MOUNTING

Cadmium plated wrap-over bracket, with mounting feet, leads 10/.010 P.V.C. insulated.

DIMENSIONS

HEIGHT 2 inches
WIDTH (over coils) 1-5/8 inches
LENGTH 2-3/8 inches
OVERALL LENGTH (inc. mtg. feet) 3-3/8 inches
MOUNTING CENTRES 2-15/16 inches
APPROXIMATE WEIGHT 1-lb

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally
Start - Black, Finish - Yellow, both 7-1/2 inches long.



FILTER CHOKE

F6/100
FEBRUARY, 1964.

TYPE F6/100

Ferguson Type F6/100 Filter Choke is one of a range designed to meet the demand for small economical filter chokes for radio receivers, amplifiers, and electronic equipment.

It is wax impregnated for protection against ingress of moisture.

RATING

INDUCTANCE (At rated current + 10V 100 Cycles) ... 6 Henries
D.C. CURRENT RATING 100 Milliampères
D.C. RESISTANCE (At 25°C) 240 ohms

MOUNTING

Wrap-over bracket, cadmium plated, firmly crimped to the core.

DIMENSIONS

HEIGHT 1 - 3/4 INCHES
WIDTH (Over coils) 1 - 3/4 INCHES
LENGTH 2 - 1/8 INCHES
OVERALL LENGTH (Incl. mtg. feet) 3 INCHES
MOUNTING CENTRES 2 - 1/2 INCHES
APPROXIMATE WEIGHT 14 ozs.

CONNECTIONS

Leads 10.010 PVC insulated, firmly anchored internally
Start - Black, Finish - Yellow, both 7-1/2 inches long.



FILTER CHOKE.

F12/50

TYPE F12/50

AUGUST 1963.

Ferguson Filter Choke Type F12/50 is designed for use in the "Fully Calibrated Oscilloscope" described in the July 1963 issue of Radio Television and Hobbies, but has general application in large electronic equipment.

RATING

INDUCTANCE 12 Henries
D. C. CURRENT RATING.....50 Milliamperes
D. C. RESISTANCE (At 25°C)..... 500 Ohms

MOUNTING

Cadmium plated steel wrap over brackets firmly crimped to the core, with core locking tabs and mounting feet.

DIMENSIONS

HEIGHT..... 1-1/2 Inches
WIDTH (Over Coils)..... 1-3/8 Inches
LENGTH..... 1-3/4 Inches
OVERALL LENGTH (Including Mounting Feet)..... 2-1/2 Inches
MOUNTING CENTRES... .. 2-1/16 Inches
MOUNTING HOLES..... 9/64" Diameter
APPROXIMATE WEIGHT..... 8 Ozs.

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally to coil.

START: Black. FINISH: Yellow. Both approximately 7 1/2 Inches long.

MATCHING COMPONENTS FOR THE OSCILLOSCOPE

POWER TRANSFORMER PF1527T

FILAMENT TRANSFORMER . PF1728.

FERGUSON

FILTER CHOKE

F12/100

TYPE F12/100

JANUARY 1958

Ferguson type F12/100 Filter Choke is one of a range designed to meet the demand for small economical chokes for radio receivers, amplifiers, and electronic equipment.

It is wax impregnated for protection against ingress of moisture.

RATING

INDUCTANCE (At rated current + 10V 100 cycles)... 12 Henries
D.C. CURRENT RATING 100 Milliamperes
D.C. RESISTANCE (At 25°C) 265 ohms

MOUNTING

Wrap-over bracket, cadmium plated, firmly crimped to the core.

DIMENSIONS

HEIGHT 2-1/4 inches
WIDTH (Over Coils) 2-1/8 inches
LENGTH 2-3/4 inches
OVERALL LENGTH (Inc. Mtg. Feet) 3-11/16 inches
MOUNTING CENTRES 3-1/8 inches
APPROXIMATE WEIGHT 2 lbs.

CONNECTIONS.

Leads 10/.010 PVC insulated, firmly anchored internally
Start-Black, Finish-Yellow, both 7-1/2 inches long.

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FILTER CHOKE

F14/60

TYPE F14/60

OCT. 1962

Ferguson Type F14/60 Filter Choke is one of a range designed to meet the demand for small economical filter chokes for radio receivers, amplifiers, and electronic equipment. It is vacuum wax impregnated for protection against ingress of moisture.

RATING

INDUCTANCE (At rated current of 100 C.B.S.) 14 Henries
D.C. CURRENT RATING 60 Milliampères
D.C. RESISTANCE (At 25°C) 446 ohms

NOTE: Provided the ambient temperature does not exceed 65°C, the D.C. Current may be increased to 75 m.a., with a consequent reduction in inductance to 11.5 henries.

MOUNTING

Wrap-over bracket, cadmium plated, firmly crimped to the core.

DIMENSIONS

HEIGHT 1-3/4 inches
WIDTH (Over coils) 1-3/4 inches
LENGTH 2-1/8 inches
OVERALL LENGTH (Inc. mtg. feet) 3 inches
MOUNTING CENTRES 2-1/2 inches
APPROXIMATE WEIGHT 14 oz.

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally
Start - Black, Finish - Yellow, both 7-1/2 inches long.



FILTER CHOKE

CF101

TYPE CF101

FEB., 1964

Ferguson Type CF101 Filter Choke is designed for general use in power supplies for electronic equipment.

RATING

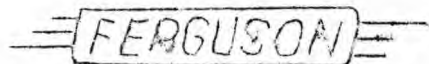
INDUCTANCE (At rated current + 10V 50 C.P.S.)..... 30 Henries
D.C. CURRENT RATING 25 Milliampere
D.C. RESISTANCE (At 250°C) 1050 ohms

MOUNTING

Wrap-over bracket mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS.

HEIGHT 2 INCHES
WIDTH (Across Coil) 1-3/4 INCHES
LENGTH (Incl. Mounting feet) 2-3/8 INCHES
OVERALL LENGTH (Inc. mtg.feet) 3-3/8 INCHES
MOUNTING CENTRES 2-13/16 INCHES
APPROXIMATE WEIGHT 1 LB.



FILTER CHOKES

CF102

TYPE CF102

NOVEMBER, 1957.

Ferguson Type CF102 Filter Choke is designed for general use in power supplies for electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.) ... 15 Henries
D.C. CURRENT RATING 60 Milliamperes
D.C. RESISTANCE (At 25°C) 300 Ohms

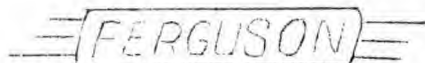
MOUNTING.

Wrap-over type bracket with two mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 2 inches
WIDTH (OVER COILS) 1 - 5/8 inches
LENGTH 2 - 3/8 inches
OVER-ALL LENGTH (incl. mtg. feet) 3 - 1/4 inches
MOUNTING CENTRES 2 - 13/16 inches
APPROXIMATE WEIGHT 1-lb.

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FILTER CHOKE

CF103

TYPE CF103

APRIL, 1959.

Ferguson Type CF103 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated Current + 10V 50 cps).....30 Henries
D.C. CURRENT RATING60 Milliampere
D.C. RESISTANCE (At 25°C)475 Ohms

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 3-5/16 inches
WIDTH 2-5/8 inches
LENGTH (OVER COVERS) 2-1/2 inches
MOUNTING CENTRES 2-3/16 x 1-5/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 2-1/2 lbs.

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FERGUSON

FILTER CHOKE

TYPE CF104

CF104

APRIL 1959.

Ferguson Type CF104 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 cps)..... 30 Henries
D.C. CURRENT RATING 80 Milliamperes
D.C. RESISTANCE (At 25°C) 580 Ohms

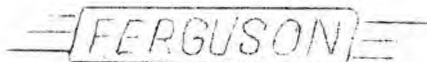
MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 3-5/16 inches
WIDTH 2-5/8 inches
LENGTH (OVER COVERS) 3 inches
MOUNTING CENTRES 2-3/16 x 2-1/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 3-1/4 lbs.

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FILTER CHOKE
TYPE CF105

CF105
APRIL, 1959

Ferguson Type CF105 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 100 cps). ... 15 Henries
D.C. CURRENT RATING 80 Milliamperes
D.C. RESISTANCE (At 25°C) 325 Ohms

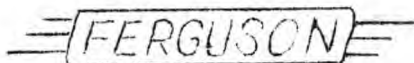
MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 3-5/16 inches
WIDTH 2-5/8 inches
LENGTH (Over Covers) 2-1/2 inches
MOUNTING CENTRES 2-3/16 x 1-5/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 2-1/2 lbs.

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FILTER CHOKE
TYPE CF106

CF106
APRIL, 1959

Ferguson Type CF106 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (at rated current + 10V 50 cps.) 12 Henries
D.C. CURRENT RATING 100 Milliamperes
D.C. RESISTANCE (At 25°C) 200 Ohms

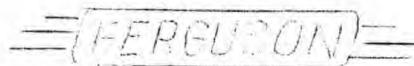
MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 3-5/16 inches
WIDTH 2-5/8 inches
LENGTH (Over Covers) 2-1/2 inches
MOUNTING CENTRES 2-3/16 x 1-5/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 2-1/2 lbs.

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FILTER CHOKE

CF107

TYPE CF107

NOVEMBER, 1957.

Ferguson Type CF107 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.).. 30 Henries
D.C. CURRENT RATING100 Milliamperes
D.C. RESISTANCE (At 25°C)375 ohms

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4-1/8 inches
WIDTH 3-1/4 inches
LENGTH (Over Covers) 3-3/8 inches
MOUNTING CENTRES 2-1/2 x 2 inches
MOUNTING HOLES 7/32 x 7/16 inches
APPROXIMATE WEIGHT 4-1/2 lbs.

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AUGUST, 1965

FERGUSON

CF108

FILTER CHOKE

TYPE CF108

Ferguson Type CF108 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

Inductance (At rated current + 10V 100 C/s)..... 12 Henries
D.C. Current Rating 150 Milliamperes
D.C. Resistance (At 250°C) 180 ohms

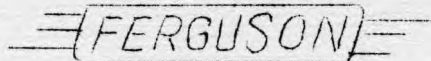
MOUNTING.

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

Height 4-1/8 inches
Width 3-1/4 inches
Length (over covers) 3-3/8 inches
Mounting Centres 2-1/2 x 2 inches
Mounting Holes 7/32 x 7/16 inches
Approximate weight 4-3/4 lbs.

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FILTER CHOKE

CF109

TYPE CF109

NOVEMBER, 1957.

Ferguson Type CF109 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 cps)... 20 Henries

D.C. CURRENT RATING..... 150 Milliamperes

D.C. RESISTANCE (At 25°C) 225 ohms

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4-1/8 inches

WIDTH 3-1/4 inches

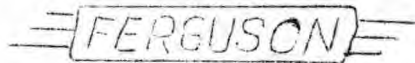
LENGTH (Over Covers) 3-5/8 inches

MOUNTING CENTRES 2-1/2 x 2-1/4 inches

MOUNTING HOLES 7/32 x 7/16 inches

APPROXIMATE WEIGHT 5-1/2 lbs.

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FILTER CHOKE

CF110

TYPE CF110

NOVEMBER, 1957.

Ferguson Type CF110 Filter Choke is designed for general use in radio receivers, amplifiers, and electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.) ... 12 Henries
D.C. CURRENT RATING 200 Milliamperes
D.C. RESISTANCE (At 25°C) 105 ohms

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4 - 1/8 inches
WIDTH 3 - 1/4 inches
LENGTH (OVER COVERS) 4 - 1/8 inches
MOUNTING CENTRES 2 - 1/2 x 2 - 3/4 inches
MOUNTING HOLES 7/32 x 7/16 inches
APPROXIMATE WEIGHT 7 lbs.

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FILTER CHOKE

CF111

TYPE CF111

NOVEMBER, 1957.

Ferguson Type CF111 Filter Choke is designed for general use in power supplies for electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.) 16 Henries
D.C. CURRENT RATING 200 Milliamperes
D.C. RESISTANCE (At 25°C) 165 ohms

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4 - 1/8 inches
WIDTH 3 - 1/4 inches
LENGTH (OVER COVERS) 4 - 1/8 inches
MOUNTING CENTRES 2 - 1/2 x 2 - 3/4 inches
MOUNTING HOLES 7/32 x 7/16 inches
APPROXIMATE WEIGHT 7 lbs.

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FERGUSON

FILTER CHOKE

CF112

TYPE CF112

NOVEMBER, 1957

Ferguson Type CF112 Filter Choke is designed for general use in power supplies for electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.) ... 10 Henries
D.C. CURRENT RATING 250 Milliamperes
D.C. RESISTANCE (At 25°C) 80 ohms

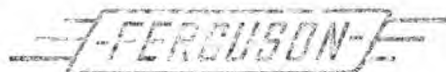
MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4 - 1/8 inches
WIDTH 3 - 1/4 inches
LENGTH (OVER COVERS) 4 - 1/8 inches
MOUNTING CENTRES 2 - 1/2 x 2 - 3/4 inches
MOUNTING HOLES 7/32 x 7/16 inches
APPROXIMATE WEIGHT 6 - 3/4 lbs.

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SWINGING FILTER CHOKE

CF113

TYPE CF113

NOVEMBER, 1964

Ferguson Type CF113 Swinging Filter Choke is designed for general use in power supplies for electronic equipment.

The inductance varies with the D.C. current in such a manner as to provide a so-called "swinging" characteristic, resulting in improved voltage regulation at the filter output.

RATING

INDUCTANCE - With 50 mA D.C. + 10V 50 C.P.S... 20 Henries

With 250 mA D.C.+ 10V 50 C.P.S... 5 Henries

D.C. CURRENT RATING 50 to 250 Milliamperes

D.C. RESISTANCE (At 25°C) 80 ohms

MOUNTING

Vertical side covers with mounting feet.

Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4-1/8 inches

WIDTH 3-1/4 inches

LENGTH (OVER COVERS) 4-1/8 inches

MOUNTING CENTRES 2-1/2 x 2-3/4 inches

MOUNTING HOLES 7/32 x 7/16 inches

APPROXIMATE WEIGHT 6-1/2 lbs.

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FILTER CHOKE

CF196

TYPE CF196

NOVEMBER, 1957.

Ferguson Type CF196 Filter Choke is designed for general use in power supplies for electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 C.P.S.) ... 20 Henries
D.C. CURRENT RATING 125 Milliampères
D.C. RESISTANCE (At 25°C) 255 Ohms

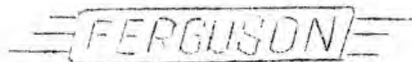
MOUNTING

Vertical Side Covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 4 - 1/8 inches
WIDTH 3 - 1/4 inches
LENGTH (OVER COVERS) 3 - 3/8 inches
MOUNTING CENTRES 2 - 1/2 x 2 inches
MOUNTING HOLES 7/32 x 7/16 inches
APPROXIMATE WEIGHT 4 - 3/4 lbs.

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T.V. FILTER CHOKE

CF364.

TYPE CF364

OCTOBER, 1957

Ferguson Type CF364 Filter Choke is primarily intended for use in the 17 inch 70 degree T.V. Receiver described in a Philips publication and also in the May, 1956 issue of Radio, Television & Hobbies.

RATING

INDUCTANCE (At rated current plus 10V A.C.
50 C.P.S.) 3 Henries
D.C. CURRENT RATING 300 Milliampères
D.C. RESISTANCE (At 25°C) 50 ohms

NOTE: The choke may be used at reduced current with a consequent increase in inductance. At a D.C. current of 200mA the inductance increases to 4 Henries.

MOUNTING

Vertical window type clamping brackets with mounting feet.

DIMENSIONS

HEIGHT 3 inches
WIDTH 2-1/2 inches
LENGTH (Over coil) 2-1/4 inches
MOUNTING CENTRES 2 inches x 1-5/8 inches
APPROXIMATE WEIGHT 2-1/4 lbs.

MATCHING COMPONENTS

(For Philips 17 inch 70 degree Receiver)

POWER TRANSFORMER (T1) TYPE PF1129
AUXILIARY FILTER CHOKE (L2) TYPE CF102
VERTICAL FRAME OUTPUT TRANSFORMER (T3)... TYPE OP327

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FEB. 1965.

CF372

FERGUSON TYPE CF372.

Ferguson type CF372 was designed for use as a filter component in large low voltage power supplies or battery chargers.

RATINGS

Inductance @ 10V, 100 c/s with
maximum d.c. current 15 millihenrys.
Maximum d.c. current 10 amps.

CONSTRUCTION

Open construction is employed. Windings are varnish impregnated, choke is vertically mounted by window type brackets.

CONNECTION

7" black nylex sleeved leads.

DIMENSIONS

Height $4\frac{5}{8}"$
Length $3\frac{7}{8}"$
Width (over coils) $3\frac{5}{8}"$
Mounting centres $3\frac{3}{8}" \times 2\frac{5}{8}"$
Weight 8 lbs.



NEW RELEASE

MARCH, 1957

TELEVISION RECEIVER FILTER
CHOKE

TYPE CF388

To meet the demand for a television receiver main filter choke having a lower inductance than that provided by Type CF364 (3 Henries at 300 mA). Ferguson Transformers Pty. Ltd., announce the release of a new choke, Type CF388.

It is similar in construction to Type CF364, i.e. open construction, varnish impregnated, with window type clamping brackets and mounting feet.

RATING

Inductance (At rated current) 1 Henry
D.C. Current Rating 285 Milliamperes
D.C. Resistance 26 Ohms

NOTE: The choke may be used at reduced current with a consequent increase in inductance. At a D.C. current of 250 mA. the inductance increases to 1.2 Henries.

DIMENSIONS

HEIGHT 2-5/8 inches
WIDTH 2-1/4 inches
DEPTH (Over Coils) 2 inches
MOUNTING CENTRES 1-1/2 x 1-3/4 inches
LENGTH OF LEADS 7 inches



FILTER CHOKE

CF396

TYPE CF396

APRIL, 1959.

R. T. & H. WIDE BANK C. R. O.

Ferguson Type CF396 Filter Choke has been specially designed for use in the Radio, Television & Hobbies "WIDE BAND C.R.O."

RATING

INDUCTANCE (At rated current plus 10V A.C.
50 cps.) 4 Henries
D.C. CURRENT RATING 20 Milliamperes
D.C. RESISTANCE 50 Ohms

NOTE: The choke may be used at a D.C. current up to 300 milliamps maximum. At this current the inductance is 3 Henries.

MOUNTING

Vertical side covers with mounting feet.
Connecting leads 10/.010 PVC insulated.

DIMENSIONS

HEIGHT 3-5/16 inches
WIDTH 2-5/8 inches
DEPTH (Over Covers) 2-1/2 inches
MOUNTING CENTRES 2-3/16 x 1-5/8 inches
MOUNTING SLOTS 5/32 x 3/8 inches
APPROXIMATE WEIGHT 2-1/2 lbs.

MATCHING COMPONENTS

MAIN H.T. TRANSFORMERS FERGUSON TYPE PF1229
FILAMENT & E.H.T. TRANSFORMER FERGUSON TYPE PF1230

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FERGUSON

AUDIO FILTER CHOKE

CF433

TYPE CF433

JULY, 1959

Ferguson Audio Filter Choke Type CF433 is a centre-tapped unit, primarily intended for use in the Radio, Television & Hobbies "Distortion Meter", described in the July 1959 issue.

Type CF433 is fully wax impregnated.

RATING

INDUCTANCE (At 1Kc, no D.C.) 20 Henries
D.C. RESISTANCE (At 25°C) (START TO FINISH.. 510 Ohms
(START TO C.T. ... 230 Ohms

MOUNTING

Cadmium plated steel wrap-over bracket, firmly crimped to the core, with core-locking tabs and mounting feet.

Leads 5/.0076 PVC. insulated, all approx. 5 inches long.

DIMENSIONS

HEIGHT 1-11/32 inches
WIDTH (Over Coils) 1-1/16 inches
LENGTH 1-19/32 inches
OVERALL LENGTH (Inc. Mtg. Feet) 2-3/8 inches
MOUNTING CENTRES 2-1/16 inches
MOUNTING HOLES 0.136 inch. dia.
APPROXIMATE WEIGHT 5 oz.

COLOR CODE

START-Black, C.T.-Blue, FINISH-Yellow.

N.B. For the R.T. & H. Distortion Meter use Power Transformer Type PF201.

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LOW TENSION FILTER CHOKE

CF435

TYPE CF435

JULY, 1959

Ferguson Low Tension Filter Choke is primarily designed for use in the Radio, Television & Hobbies "1959 KARSET", but has general application for decoupling and noise suppression in low voltage D.C. supply lines to transistor equipments.

Type CF435 is fully wax impregnated.

RATING

INDUCTANCE Approx. 30 Millihenries
D.C. CURRENT RATING 1.25 AMPS. Max.
D.C. RESISTANCE (At 25°C) 0.3 ohms

MOUNTING

Cadmium plated steel wrap-over bracket firmly crimped to the core with core-locking tabs and mounting feet.

Nylex sleeved connecting leads S-black, F-Yellow.

DIMENSIONS

HEIGHT 1-11/32 inches
WIDTH 1-1/16 inches
LENGTH 1-19/32 inches
OVERALL LENGTH (Inc. Mtg. Feet) 2-3/8 inches
MOUNTING CENTRES 2-1/16 inches
MOUNTING HOLES 0.136 inch. dia.
APPROXIMATE WEIGHT 5 oz.

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FILTER CHOKE

CF447

TYPE CF447

AUGUST 1960.

Ferguson Filter Choke Type CF447 is primarily intended for use in the "100 WATT P.A. AMPLIFIER" described in the July 1960 issue of Radio Television & Hobbies, but has general application in electronic equipment.

RATING

INDUCTANCE (At rated current + 10V 50 cps) ... 20 Henries
D.C. CURRENT RATING 10 mA
D.C. RESISTANCE (At 25°C) 950 Ohms

MOUNTING

Wrap-over bracket with mounting feet.

DIMENSIONS

HEIGHT 1-1/2 inches
WIDTH (Over Coils) 1-3/8 inches
LENGTH 1-3/4 inches
OVERALL LENGTH (Inc. Mtg. Feet) 2-1/2 inches
MOUNTING CENTRES 2-1/16 inches
APPROXIMATE WEIGHT 6-3/4 oz.

CONNECTIONS

Leads 10/.010 PVC insulated firmly anchored internally
START-Black, FINISH-Yellow, both approx. 8" long out
of coil.

MATCHING COMPONENTS FOR R.T. & H. "100 WATT P.A. AMPLIFIER"

POWER TRANSFORMER .. TYPE PF1546
OUTPUT TRANSFORMER.. TYPE OPM21
MAIN FILTER CHOKE... TYPE CF448

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~~F~~-FERGUSON-~~F~~

FILTER CHOKE

CF448

TYPE CF448

AUGUST 1960

Ferguson Filter Choke Type CF448 is primarily intended for use in the "100 WATT P.A. AMPLIFIER" described in the July 1960 issue of Radio Television & Hobbies, but has general application in large electronic equipments.

RATING

INDUCTANCE (At rated current + 10V 50 cps) ... 5 Henries

D.C. CURRENT RATING 325 Milliamperes

D.C. RESISTANCE (At 25°C) 60 Ohms

MOUNTING

Vertical side covers with mounting feet.

DIMENSIONS

HEIGHT 4-1/8 inches

WIDTH (W) 3-1/4 inches

LENGTH (L) (Over Covers) 4-1/8 inches

MOUNTING CENTRES 2-1/2(W) x 2-3/4(L) inches

MOUNTING SLOTS 7/32 x 7/16 inches

APPROXIMATE WEIGHT 6-3/4 lbs.

CONNECTIONS

Leads 10/.010 PVC insulated, firmly anchored internally
START-Black, FINISH-Yellow, both approx. 7" long from
bottom of covers.

MATCHING COMPONENTS FOR R.T. & H. "100 WATT P.A. AMPLIFIER"

POWER TRANSFORMER.... TYPE PF1546

OUTPUT TRANSFORMER .. TYPE OPM21

BIAS FILTER CHOKE ... TYPE CF447

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JAN. 1965

CF566

FERGUSON TYPE CF566.

Ferguson choke type CF566 is designed for use as a filter choke in low voltage power supplies.

RATINGS

Inductance @ 10V 100 c.p.s. 20 mh
with max D.C. current.

Max. D.C. current. 5A D.C.

D.C. Resistance. 0.19 ohms
(@ 29°C)

CONSTRUCTION

Open construction is employed and windings are varnish impregnated. Choke is vertically mounted by window type brackets.

DIMENSIONS

Height $4\frac{1}{8}"$

Width $3\frac{1}{4}"$

Length (over coils) $4\frac{1}{8}"$

Mounting centres $2\frac{1}{2}" \times 2\frac{3}{4}"$

Weight 7 lbs. approx

CONNECTIONS

Black nyllex sleeved leads 9" long approx

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