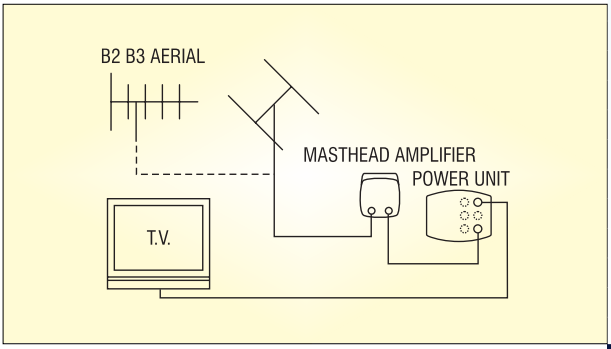
Three models are available in the V.H.F range, all feature low noise figures. The V.H.F. 1220-F.M. is suitable for the improvement of V.H.F./F.M. radio reception in Europe and the U.K.
The other V.H.F. models are manufactured for export markets, but are ideal for long distance T.V. reception in the U.K.

S P E C I F I C A T I O N S

Model	Group	Frequency	Gain	Flatness	Noise Figure	Order Code
VHF1220-FM	Band 2	88-108MHz	20db.	+ –1db.	1.8db.	**VHF1220-FM**
VHF1220-3	Band 3	175-230MHz	20db.	+ –1db.	1.8db.	**VHF1220-3**
Output on all models: Din 45004 – 100dbuv						
Power requirements: 12v. d.c. @ 10m.a. (use P1235)						
C.E. compliance: Approved						



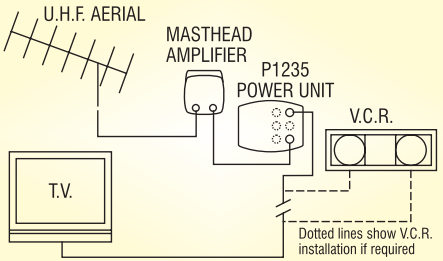
STANDARD U.H.F. RANGE

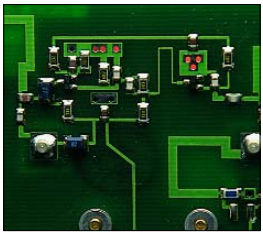
Five models are available in the U.H.F. range, all featuring low noise figures. Will enhance any U.H.F. T.V. signal at an economical cost.

NEW SPECIFICATIONS

S P E C I F I C A T I O N S

Model	Group	Channel No.	Gain	Flatness	Noise Figure	Order Code
A1218	A	21 - 37	18db.	+ –1db.	1.9db.	**A1218**
B1216	B	35 - 53	16db.	+ –1db.	1.9db.	**B1216**
CD1213	C.D.	48 - 68	14db.	+ –1db.	1.9db.	**CD1213**
WB1214	W.B.	21 - 68	15db.	+ –1db.	1.9db.	**WB1214**
E1213	E	35 - 68	14db.	+–1db.	1.9db.	**E1213**
Output on all models: Din 45004 – 100dbuv.						
Power requirements: 12v. d.c. @ 10m.a. (use P1235)						
C.E. compliance: Approved						

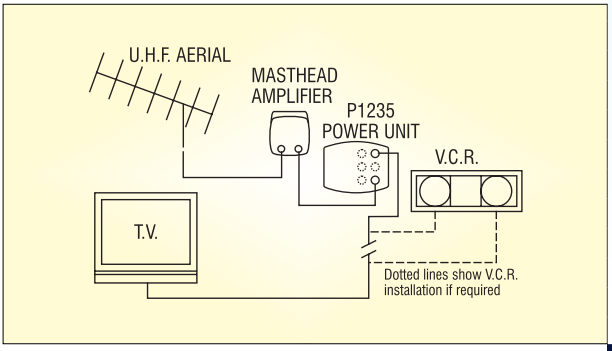




Five models are available in this range, all feature high gain and low noise figures.
Ample gain is available to overcome losses incurred in long cable runs, and passive splitting.

S P E C I F I C A T I O N S

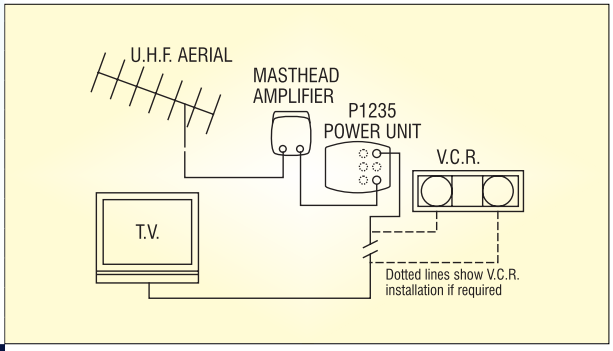
Model	Group	Channel No.	Gain	Flatness	Noise Figure	Order Code
A1228	A	21 - 37	28db.	+ –1.5db.	2.8db.	**A1228**
B1226	B	35 - 53	26db.	+ –1.5db.	2.8db.	**B1226**
CD1223	C.D.	48 - 68	23db.	+ –1.5db.	2.8db.	**CD1223**
WB1222	W.B.	21 - 68	22db.	+ –1.5db.	2.8db.	**WB1222**
E1223	E	35 - 68	23db.	+ –1.5db.	2.8db	**E1223**
Output on all models: Din 45004 – 98dbuv.						
Power requirements: 12v. d.c. @ 14m.a. (use P1235)						
C.E. compliance: Approved						



SUPREME U.H.F. RANGE

Five models are available in this range, all feature very low noise figures, high gain and high output capability. From 100u.v. of aerial signal an excellent picture may be obtained. Ideal head unit for Cascade systems.

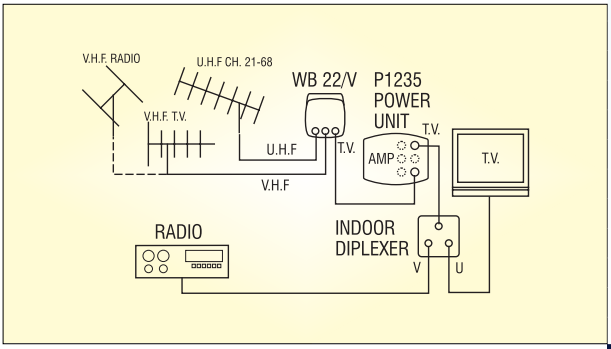
Model	Group	Channel No.	Gain	Flatness	Noise Figure	Order Code
A1230	A	21 - 37	30db.	+ –1.5db.	1.9db.	**A1230**
B1228	B	35 - 53	28db.	+ –1.5db.	1.9db.	**B1228**
CD1225	C.D.	48 - 68	25db.	+ –1.5db.	1.9db.	**CD1225**
WB1225	W.B.	21 - 68	25db.	+ –1.5db.	1.9db.	**WB1225**
E1225	E	35 - 68	25db.	+ –1.5db.	1.9db	**E1225**
Output on all models: Din 45004 – 200dbuv.						
Power requirements: 12v. d.c. @ 32m.a. (use P1235)						
C.E. compliance: Approved						



The WB22/V has been designed with separate U.H.F. and V.H.F. inputs, only U.H.F. is amplified. The internal V.H.F. diplexer is suitable for V.H.F. television and radio. The combined signals may be separated with a U.H.F./V.H.F. diplexer or a diplexed wall plate.

S P E C I F I C A T I O N S

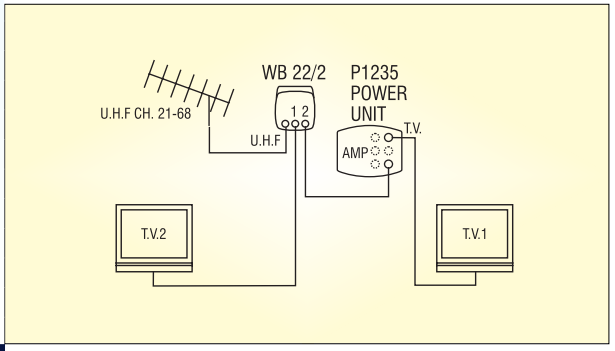
Amplification U.H.F. only	–	CH.21 - 68 470 - 860MHz
Gain	–	22db. + –1.5db.
Noise figure	–	2.9db.
Output	–	100dbuv
V.H.F. input	–	40 – 230MHz
Through loss	–	Less than 1db.
Power requirements	–	12v d.c. @ 14ma (Use P1235)
C.E. compliance	–	Approved
Order code	–	**WB22/V**



WB22/2 U.H.F. MASTHEAD AMPLIFIER

The WB22/2 is a wide band U.H.F. amplifier with in-built low loss splitter. This enables two television sets to operate from one masthead amplifier. The power unit must be switched on to operate either T.V.
In strong signal reception areas each leg may be split again using Fringe Inductive Splitters; this enables 2, 3 or 4 set reception.

U.H.F. only	–	CH.21 - 68 470 - 860MHz
Gain per leg	–	18db. + –1.5db.
Noise figure	–	2.9db.
Output per leg	–	96dbuv.
Output leg isolation	–	not less than 15db.
Power requirements	–	12v d.c. @ 14ma (Use P1235)
C.E. compliance	–	Approved
Order code	–	**WB22/2**



The Cascade U.H.F. repeater amplifier is a through powered unit, designed to operate in conjunction with any Fringe masthead amplifier. This enables long coaxial cable runs to be used where the T.V. is remote from the aerial.
Depending on the model of masthead, channel group, and aerial signal available a distance of 200 metres may be obtained, using standard grade coaxial cable, one masthead, and one Cascade amplifier.
A distance of 800 metres may be obtained, by using distribution grade coaxial cable, and three Cascade amplifiers.

S P E C I F I C A T I O N S

U.H.F. only	–	CH.21 - 68 470 - 860MHz
Gain	–	23db.
Flatness	–	+ –1db.
Noise figure	–	3.5db.
Output	–	102dbuv.
Power requirements	–	12v d.c. @ 23ma + Masthead (Use P1290)
C.E. compliance	–	Approved
Order code	–	**Cascade**