

RADAR DATA DISTRIBUTION OUTFITS PFA(1) to (23)**PFA(1) to (23)**

SUMMARY OF DATA

PURPOSE

To process and distribute video from most Warning and Navigation Radars at preset noise levels and to distribute synchronising signals, ships head marker and aerial rotation information to a number of PPI displays.

BRIEF DESCRIPTION

Outfit PFA forms part of a system for processing and distributing video signals, synchronising signals, ships head marker and aerial rotation information to radar displays; it may be used with almost all navigation and warning radars. The outfit will accept video from the radars in either linear or logarithmic form. In the case of logarithmic video, the signal may be 20 dB/V or in the range 40 to 60 dB/V. The video distributed by the outfit is of linear or processed logarithmic form depending on the input.

MAJOR UNITS

NSN	Description
5840-99-418-0260	Distribution Unit, Video
5840-99-924-5136	Cabinet, Electrical Equipment
5840-99-522-5776	Cabinet, Electrical Equipment
5840-99-418-0261	Unit, Video Processing
5840-99-924-5138	Drawer, Electrical Equipment Cabinet
5840-99-924-5137	Drawer, Electrical Equipment Cabinet
5840-99-522-2208	Drawer, Electrical Equipment Cabinet
5840-99-418-0263	Drawer, Emitter Follower
5840-99-418-0264	Module, Emitter Follower
5840-99-418-0626	Meter, Unit, Noise Level
6130-99-520-1841	Unit, Power Supply
5840-99-924-7173	Mixer, Video Signal
5840-99-924-4720	Amplifier, RF
5840-99-527-9522	Unit, Plug, Linked

PHYSICAL DATA

	Height	Width	Depth	Weight
Distribution Unit, Video	87.6 cm (34.5 in)	40.6 cm (16 in)	43.2 cm (17 in)	54.5 kg (120 lb)

POWER REQUIREMENTS

115 V, 50-60 Hz, 150 W
115 V, 50-60 Hz, 60 W Anti-condensation Heaters

HANDBOOK

BR 2436

ESTABLISHMENT LIST

E1426

INSTALLATION SPECIFICATIONS

B923 Radar Distribution System - including Outfits PFA series.