

AERIAL OUTFIT AJK

SUMMARY OF DATA

AJK

PURPOSE

A polemast mounted wrap-around antenna for reception/ transmission of UHF.

BRIEF DESCRIPTION

The outfit comprises two antennae, one for reception and one for transmission fitted around the polemast. The transmitting antenna is usually sited below the receiving antenna. The aerial consist of an annular radiator, fed at four points, with an annular reflector interposed between the radiator and the mast. Each antenna can be considered as four vertical dipoles with reflectors arranged around the polemast. This gives an omnidirectional horizontal radiation pattern.

Outfit AJK is the main antenna used with Common Aerial Outfit EBA.

ANTENNA CHARACTERISTICS

Frequency	220—400 MHz
VSWR	0.5
Polarisation	Vertical
Impedance	50 ohms

HANDBOOK

BR 1610

ESTABLISHMENT LIST

S1731

INSTALLATION SPECIFICATION

B1180

