



JRC – JUE FB 250

BDE (Below Deck Equipment) [GSC-452]

Technical Specification

Frequency	Transmit	1626.5 to 1660.5 MHz		
	Receive	1525.0 to 1559.0 MHz		
Channel Step		1.25kHz		
Maximum E.I.R.P		+15.1dBW + 1/-2dB		
G/T		-15.5dBK		
Antenna	Type	0.30 Φ flat		
	Polarization	Right-Hand Circular Polarization (RHCP)		
	Radome	AES		
	QPSK $\pi/4$ -QPSK 16QAM			
Primary Power	Voltage	+19VDC to +31VDC		
	Current	Under 2A, as the time of receipt		
	Maximum	Under 4.5 A, as the time of transmitted, and optional equipments are connected.		
Dimension	ADE	$\Phi 350\text{mm} \times h350\text{mm}$		
	BDE	$h166\text{mm} \times w64\text{mm} \times d221\text{mm}$		
Mass	ADE	7.4kg		
	BDE	2.2kg		
Environmental Conditions				
Temperature	ADE	-25°C to +55°C		
	BDE	-15°C to +55°C		
Relative Humidity		Up to +40°C, 95%		
Vibration		Complying with IEC60945 4th Edition		
Ship's Motion	Motion	Amplitude	Period	
	Roll	+30°	8 s	
	Pitch	+10°	6 s	
	Yaw	+8°	50 s	
	Surge	+0.2g		
	Sway	+0.2g		
	Heave	+0.5g		
	Turning Rate	+6° /s	1deg/s ²	
	Headway	30knots		



Terminal BDE [GSC-452] Outline Dimensions

