

B51H and B51HSS

VHF & UHF omni-directional Broadband discone

The B51H and B51HSS fixed position discones provide an omni-directional radiation pattern, low VSWR and genuine broadband coverage for both transmit and receive across the full VHF & UHF frequency band 70-1000MHz.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	B51H	B51H-SS
Construction	Aluminium	304 grade stainless steel
Frequency range	VHF & UHF 70-1000MHz	
Bandwidth	Full band	
VSWR	<2:1 across entire range	
Tuning	Factory	
Gain	0 dBd	
Max input power	100 Watts	
Impedance	50 Ohms	
DC grounding	No	
Polarisation	Vertical	
H Plane	360° omnidirectional, ± 0.5 dBd	
E Plane	83° at 100MHz	
Connector	N-type female in base of mount section	
Height	1.2 metres	
Weight	6.0Kg	9.5Kg
Projected area	0.167m ²	
Wind load at 160kph	31.449Kg, 0.308kN	
Mounting section	40mm x 300mm	
Mounting hardware (order separate)	2 x EB1-SS or 1 x UB3-SS	

