

B51H and B51HSS

VHF & UHF Omnidirectional Broadband Discone

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

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

Specifications	B51H	B51HSS
Construction	Aluminium	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	
Mount Tube	40mm diameter	
Mounting Accessories (order separate)	2 x EB1-SS or 1 x UB3-SS	

