

Product Specification Sheet

Dual Broadband Antenna



Model : ST-DBB-65/65-9/9-FET0/0-Di

XXpol, 806-960/1710-2170MHz, 9/9 dBi, 65°/ 65°, FET 0°/0°

Electrical Specifications

Frequency range (MHz)	806-960	1710-1880	1850-1990	1920-2170
Polarization	± 45°			
Gain (dBi) (Avg.)	9	8.5	8.7	9
Horizontal Half-power beam width	68	65	63	62
Front-to-back ratio (dB)	≥ 27			
Cross polar ratio Maindirection 0° Sector ± 60°	Typically: 15 dB 10 dB			
Vertical Half-power beam width (Avg.)	67	64	62	61
Electrical tilt	0°			
Impedance	50 Ω			
VSWR	< 1.5			
Isolation, between ports: Intrasystem (dB)	> 27			
Intermodulation IM3 (2x43 dBm carrier)(dBC)	< -150			
Max power per input (W)	150	100		

Mechanical Specifications

Input	2 x 7/16 DIN Female
Connector position	Bottom
Wind load, frontal / lateral / rear side 42 m/s Cd=1.6 (N)	93/65/116
Mounting brackets	Pre-mounted from factory
Weight (Without brackets) (kg)	1.5
Weight (With brackets) (kg)	2.5
Dimension (H x W x D) (mm)	330 x 278 x 170 (Approx.)
Radome Material	GRP
Radome Color	Light Grey
Operating Temperature (°C)	-40 to +60
Lightning protection	DC grounded

Antenna Patterns: Supplied details separately

