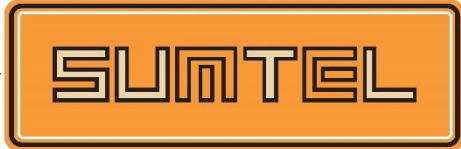


Product Specification Sheet

Single High Broadband Antenna



Model : STSH6517.5V

Xpol 1710-2170MHz, 17.5 dBi, 65°

Electrical Specifications

Frequency range (MHz)	1710-1880	1850-1990	1920-2170
Polarization	± 45°		
Gain (dBi)(Avg.)	17	17.5	18
Horizontal Half-power beam width	65	63	62
Front-to-back ratio (dB)	≥ 30		
Cross polar ratio	Typically:		
Main direction	0°		
Sector	± 60°		
Vertical Half-power beam width (Avg.)	7	6.5	6.5
Electrical tilt	0° - 10°		
First Upper sidelobe(dB):	> 18		
Impedance	50 Ω		
VSWR	<1.4		
Isolation, between ports: Intrasystem (dB)	> 30		
Intermodulation IM3 (2x43 dBm carrier)(dBc)	< -150		
Max power per input (W)	200		

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)	520
Mounting brackets	Pre-mounted from factory
Weight (Without brackets) (kg)	6
Weight (With brackets) (kg)	12
Dimension (H x W x D) (mm)	1300 x 170 x 95
Radome Material	UPVC
Radome Color	Light Grey
Operating Temperature (°C)	-40° C to +60° C
Lightning protection	DC grounded
RET	Optional (AISG 1.1 , AISG 2.0)

Antenna Patterns: Supplied details separately

