

LOW VISUAL IMPACT – TRI SECTOR DUAL BAND – 3x (BAND 800+900 + BROADBAND 1710 – 2170 MHz)

SBLM-800T-AV

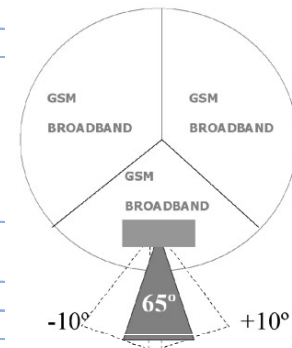
3 X (Band 800-900 + Broadband 1710 - 2170)

790 - 960	1710-2170
H66° V7.5°	H64° V6.5°
Variable Tilt 2° - 10°	Variable Tilt 2° - 12°

ELECTRICAL SPECIFICATIONS 3 X BAND 800-900 3 X (BROADBAND 1710 – 2170 MHz)

Antenna Model	SBLM-800TV-AV	
Polarization	± 45°	
Frequency	3 X (790 X 960)	3 X (1710 – 2170)
	790 - 960	1710 - 2170
Horizontal Beamwidth	66°	64°
Vertical Beamwidth	7.5°	6.5°
Gain (dBi)	16.5	17
Vertical Electrical Tilt	VARIABLE 2°-10°	VARIABLE 2°-12°
Variable Azimuth*	-10° to +10°	
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	17	17
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25	> 25
VSWR	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	> 8	> 8
Isolation between Ports (dB)	> 30	> 30
Interband Isolation (dB)	> 40 (790-960//1710-2170)	
Maximum Power Per Input (W)	500	250
Intermodulation (dBc)	< - 150	
Impedance (Ω)	50	

*Tri-Sector
configuration
with Variable
Azimuth*



MECHANICAL SPECIFICATIONS

Connectors	12 X 7/16 Female	
Connector Position	Bottom	
Survival Wind Speed km/h (mph)	200 (125)	
Windload N @ 160 km/h (lbs @100 mph)	1000 (225)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight kg (lbs)	130 (286)	
Antenna Dimension mm (in) – H X Diam	Antenna Size: 2700 X 505 (106 X 20) Service Module: 295 x 510 (12 X 20)	

*Fixed Azimuth optional

