

LOW VISUAL IMPACT – TRI SECTOR

3x (BAND 800 + 900 + 2x BROADBAND 1710 – 2170 MHz)

SBLM2-600TVAV

790-960	2 x (1710 – 2690)
H67° V11°	H64° V6.6°
Variable Tilt 0° - 10°	Variable Tilt 2° - 12°

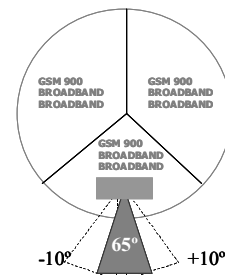
ELECTRICAL SPECIFICATIONS

3 X BAND 800-900

3 X (2 X BROADBAND 1710 – 2170 MHz)

Antenna Model	SBLM2-600TV-AV	
Polarization	± 45°	
Frequency	3 X (790 – 960)	3 X (2 X 1710 – 2170)
Horizontal Beamwidth	67°	64°
Vertical Beamwidth	11°	6.6°
Gain (dBi)	15.5	17.5
Vertical Electrical Tilt	VARIABLE 0°-10°	VARIABLE 2°-12°
Variable Azimuth*	-10° to +10°	
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	16	16
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25	> 25
VSWR	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ - 3dB (dB) <i>Typically</i>	> 8	> 8
Isolation between Ports (dB)	> 30	> 30
Interband Isolation (dB)	> 40 (790-960//1710-2170) > 30 (1710-2170//1710-2170)	
Maximum Power Per Input (W)	500	250
Intermodulation (dBc)	< - 150	
Impedance (Ω)	50	

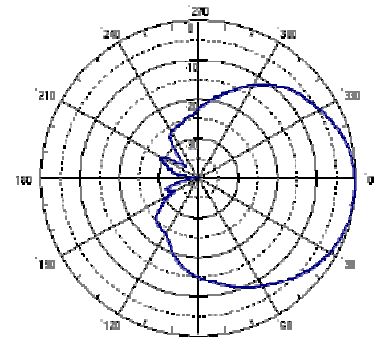
*Tri-Sector
configuration with
Variable Azimuth*



MECHANICAL SPECIFICATIONS

Connectors	18 X 7/16 Female	
Connector Position	Bottom	
Survival Wind Speed km/h (mph)	200 (125)	
Windload N @ 160 km/h (lbs @100 mph)	770 (174)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight kg (lbs)	98 (216)	
Antenna Dimension mm (in) H X Diam	Antenna Size: 2045 X 505 (81 X 20) Service Module: 390 x 510 (15 X 20)	

H&V Pattern/ Broadband



H&V Pattern/ Low band

