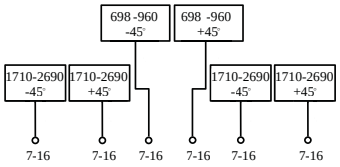
P6874300F12V

Tri Band | Panel | XXX-Pol | 70° / 60° / 60° | 12.0 / 16.0 / 16.0 dBi | Fixed and Variable Tilt

- Tri band, XXX-Pol, fixed and variable tilt, panel antenna
- Fixed electrical downtilt on low band and continuously adjustable downtilt on high bands 0-10°/0-10°
- Manual (MET) or Integrated Remote (RET) electrical tilt on high bands
- Mounting and downtilt brackets included



Ordering Options	Model Number			
Manual Electrical Tilt	P6874300F12V			
Remote Electrical Tilt (Internal), AISG v2.0/3GPP	P6874300F12VG			
Electrical Characteristics	**698-960 MHz**		**(2x) 1710-2690 MHz**	
Frequency Bands	698-806 MHz	806-960 MHz	1710-2170 MHz	2170-2690 MHz
Polarization	±45°		(2x) ±45°	
Horizontal Beamwidth (±5°)	70°	70°	60°	60°
Vertical Beamwidth (±5°)	17.5°	12.5°	9.5°	6.2°
Gain (±1 dB)	11.5 dBi	12.0 dBi	15.0 dBi	16.0 dBi
Electrical Downtilt	12°		0-10°	
Impedance	50Ω			
VSWR	< 1.5			
Return Loss	> 14 dB			
Upper Sidelobe Suppression (±30°)	> 15 dB		> 17 dB	
Front-to-Back Ratio (180° ±30°)	≥ 22 dB		≥ 25 dB	
In-Band Isolation	≥ 25 dB			
Inter-Band Isolation	≥ 30 dB			
IM3 (2x43 dBm carrier)	< -150 dBc			
Input Power (at 50° C ambient temperature)	(2x) 500 W		(4x) 250 W	
Operating Temperature	-40° to +65° C (-40° to +149° F)			
Lightning Protection	DC Ground			
Connector(s)	6 Connectors / 7/16-DIN Female / Bottom			
Mechanical Characteristics				
Radome Material/Color	ASA / Grey			
Operational Humidity (at 30° C)	95% Relative Humidity			
Dimensions (Height x Width x Depth)	856 x 350 x 250 mm		33.7 x 13.8 x 9.8 in	
Weight without Mounting Brackets	12.6 kg		27.8 lbs	
Packing Dimensions (H x W x D)	1010 x 470 x 420 mm		39.8 x 18.5 x 16.5 in	
Packing Weight	18.5 kg		40.8 lbs	
Survival Wind Speed	201 km/hr		125 mph	
Wind Load - Rear (200 km/hr or 124 mph)	400 N		90 lbf	
Mounting Options	Attach to Pipe Diameter			
Mounting & Downtilt Bracket Kit Included	Ø50-Ø115 mm		Ø2.0-Ø4.5 in	
Mechanical Tilt Range	0-20°			