2-Multi-band Panel	824-960	824-960
Dual Polarization	X	X
Half-power Beam Width	65°	65°
Adjust, Flectr, Downtilt	0°-8°	0°-8°



Adjust. Electr. Downtilt set by hand or by optional RCU (Remote Control Unit)

## XXPol Panel 824-960/824-960 65°/65° 17/17dBi 0°-8°/0°-8°T

Туре No.	80010	5 <b>17</b> vo1
	824-960	
Frequency range	824 – 894 MHz	880 – 960 MHz
Polarization	+45°, –45°; +45°, –45°	+45°, –45°; +45°, –45°
Gain at 0° tilt	4 x 16.5 dBi	4 x 16.7 dBi
Horizontal Pattern:		
Half-power beam width	66°	61°
Front-to-back ratio	> 25 dB	> 25 dB
$\begin{array}{c} \text{Cross polar ratio} & 0^{\circ} \\ \text{Sector} & \pm 60^{\circ} \end{array}$	Typically: 16 dB > 8 dB	Typically: 17 dB > 10 dB
Vertical Pattern:		
Half-power beam width	7.2°	6.8°
Electrical tilt	0°-8°, continuously adjustable	
Sidelobe suppression for first sidelobe above main beam	0° 4° 8° T ≥ 15 15 15 dB	0° 4° 8° T ≥ 15 16 15 dB
Impedance	50 Ω	
VSWR	< 1.5	
Isolation, between ports	Typically: > 25 dB	> 28 dB
Intermodulation IM3	< -150 dBc (2 x 43 dBm carrier)	
Max. power per input	500 W (at 50 °C ambient temperature)	

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824–960	824–960	824–960	824–960
–45°	–45°	+45°	+45°
7-16	7-16	7-16	

## **Mechanical specifications**

Input	4 x 7-16 female	
Connector position	Rearside, pointing downwards	
Adjustment mechanism	2x, Position bottom continuously adjustable	
Wind load	Frontal: 1210 N (at 150 km/h) Lateral: 400 N (at 150 km/h) Rearside: 1540 N (at 150 km/h)	
Max. wind velocity	200 km/h	
Height/width/depth	2631 / 374 / 169 mm	
Category of mounting hardware	H (Heavy)	
Weight	28 kg / 30 kg (clamps incl.)	
Packing size	2896 x 392 x 222 mm	
Scope of supply	Panel and 2 units of clamps for 50 – 115 mm diameter	

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## Accessories General Information



The limits of the coupling torque of RF-connectors, recommended by the connector manufacturers must be obeyed.

Any previous datasheet issues have now become invalid.

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