



**GSM900/1800 XP/80/6
MODEL 2145**

- DUAL-BAND, DUAL POLARISATION
- INBUILT DIPLEXER
- SIDELOBE SUPPRESSION

This compact dual-band, dual-polar unit is intended for Microcell applications, either indoor or outdoor, where visual impact is important. It is fitted with inbuilt diplexers for each port to simplify connection. Sidelobe suppression reduces the possibility of interference from adjacent cells. Wall mounting is easily carried out using the attached joggle plates.



Technical Specification

Frequency	870-960Mhz	1710-1880Mhz
Horizontal Beamwidth	80°	83°
Vertical Beamwidth	80°	74°
Gain	6dBi	6dBi
VSWR	1.6:1	1.6:1
Fixed electrical downtilt	0°	0°
Front-to-back ratio	>17dB	>16dB
Sidelobe suppression	>-17dB	>-17dB
Isolation between ports	N/a	-
Isolation between bands	N/a	-
Power rating	30 watts	30 watts
Connectors (bottom)	N type F x 2	-
Dimensions	350 x 217 x 56mm (depth)	-
Weight	1.5kg	-
Mounting	Removable plate	-
Wind loading	115N @ 45m/s	-
Operational wind speed	45m/s	-
Survival wind speed	56m/s	-
Temperature	-55° to +70°C	-

