

# Planar antenna

# 3.6 GHz linear polarised

## SPA 3600/65/18/0/DS

### Technical data

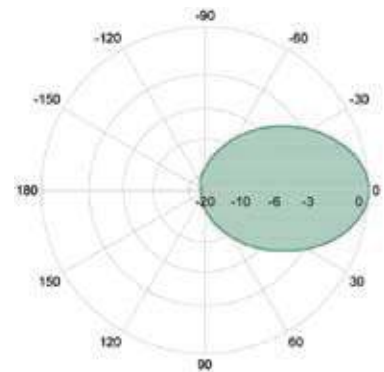
Electrical properties		
Frequency range	3400-3750 MHz	3750-3800 MHz
Impedance / VSWR	50 Ω / < 1.5	
Polarisation	dual linear, ± 45° slant	
Gain	18.0 dBi	17.0 dBi
3 dB beamwidth	65° horizontal / 5° vertical	
Downtilt	0°	
Front to back ratio	> 25 dB	
RPE horizontal co-polar	ETSI EN 302 - 085 CS2	
RPE elevation co-polar	ETSI EN 302 - 085 CS2 asym. pattern	
Cross polarisation	> 17 dB	
Isolation between ports	> 25 dB	
Composite power / Max. PEP	20 W av. at 60°C / 50 W at 60°C	

Mechanical and environmental properties		
Dimensions (without mounting hardware)	953×164×29 mm (37.52"×6.46"×1.14")	
Weight	2.81 kg (6.20 lbs.)	1336.17.0010
	4.45 kg (9.81 lbs.)	1336.17.0017
Housing material	aluminium anozed	
Radome material / Radome colour	SAN-GF 35 / RAL 7035 (light-grey)	
2002/95/EC (RoHS)	compliant	
Operating / storage temperature range	- 50°C to + 80°C	
Operating conditions	ETSI 300-019-1-4, class 4.1	
Storage conditions	ETSI 300-019-1-1, class 1.2	
Windload	220 N at 160 km/h (100 mph)	
Flammability	UL94-HB	

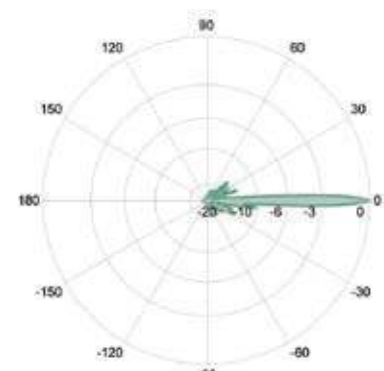
Other information	
Available types	1336.17.0024 - N female for flush mounting to pole or wall: Item no. 84020247
	1336.17.0025 - N female, antenna kit incl. downtilt bracket 9091.99.0193 and U-bolt 9091.99.0194: Item no. 84020248
Mounting hardware	9091.99.0193 - downtilt bracket for wall mounting of 1336.17.0024: Item no. 84015651
Mast mounting material (2 metal bands) included with 1336.17.0024, mast diameter 51 - 130 mm (2.01" - 5.12"). For downtilt pole mounting please use antenna kit 1336.17.0025 mast diameter 50 - 115 mm (1.97" - 4.52")	
Documents	01.02.0777 - security instruction 0000230621 - mounting instruction



radiation patterns



horizontal



vertical