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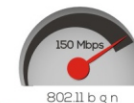
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LONG DISTANCE WIFI OUTDOOR WLAN Omni - Antenna

communication with green energy

High Speed



Frequenz

2,4 GHz

optimized for the frequency
band of 2.4 Ghz to
2.5 Ghz matched

Data Security



64/128-bit WEP
WPA | WPA2 | TKIP | AES

long range wireless communication over 7 Km



Main advantages:

- Highly responsive and long range antenna, up to 7 Km (under optimal conditions)
- User friendly and preconfigured router and antenna stick software
- Adjustable transmission range using specific software
- LAN cable included, from 10 to 30 meters (up to 80 meters possible)
- Data transmission by LAN cable, without losses due to RF cables
- Electronics inside the antenna housing
- High quality and robust materials
- Shock resistant waterproof plastic housing, IP66
- GRP Antenna tube with metal fittings
- Designed for easy installation

Technical Data WLAN Long Distance Antenna

Model name	SW08WL	SW10WL	SW12WL
Frequency range:	2400 ~ 2500MHz	2400 ~ 2500MHz	2400 ~ 2500MHz
Antenna gain:	8,5 dBi	10 dBi	12,5 dBi
Dimensions:	730 20 60	1030 20 60	1330 20 60
Horizontal beamwidth:	360°	360°	360°
Vertical beamwidth:	20°	17°	8°
Temperature range:	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C
Water resistance class:	IP 66	IP 66	IP 66
Connections:	RJ45 connectors	RJ45 connectors	RJ45 connectors
Cable:	Up to 80M	Up to 80M	Up to 80M
Mounting:	1" UNF threaded socket	1" UNF threaded socket	1" UNF threaded socket
VSWR:	< 1,6	< 1,6	< 1,7
Impedance:	50 Ω	50 Ω	50 Ω
Housing color:	White	White	White
Housing material:	AL Cr GFK PA6	AL Cr GFK PA6	AL Cr GFK PA6

