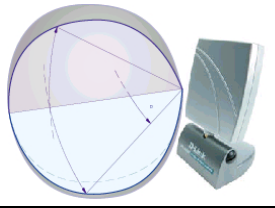
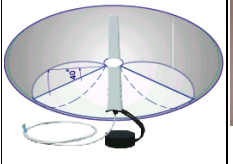

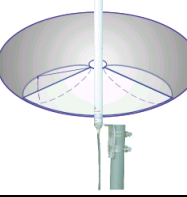


Indoor Antenna:(Only external connected onto AP/Router, NIC without external antenna link)




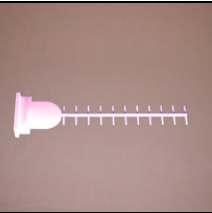
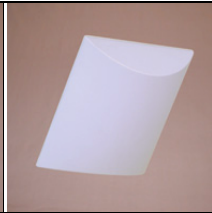
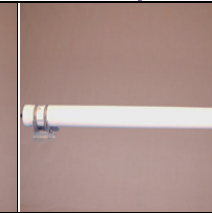

				
Model Name	DWL-M60AT	ANT24-0400	ANT24-0401	ANT24-0500
Description	Directional Antenna	Omni-directional	Omni-directional	Omni-directional
Application	Indoor	Indoor	Indoor	Indoor/outdoor
Gain (Without cable loss)	6dBi	4dBi	3.5dBi (Ave.)	5dBi
Approximate Indoor Range at 1 Mbps *	60(m)/200(feet)	40(m)/132(feet)	40(m)/132(feet)	40(m)/132(feet)
Approximate Indoor Range at 11 Mbps *	25(m)/80(feet)	15(m)/48 (feet)	15(m)/48 (feet)	15(m)/48 (feet)
HPBW **	H80 V80	H360 V40	H360 V120	H360 V30
Pigtail length	1.5m (ULA316)	1.5m (Filotex)	NA	NA
Default Extension Cable Length	NA	NA	2m (ULA198)	3m (ULA198)
Dimension (Antenna)	115*76*76 (mm)	Φ48*198.8(mm)	Φ132*42 (mm)	Φ19*330(mm)

- 1.Extended range reference based on RF-Output Power 14dbm with default cable loss
- 2.The transmission distance range might depend on the two same spec antennas with default cable loss

**HPBW: Half Power Beam Width. H: horizontal plane pattern V: vertical plane pattern

**** The actual Indoor range will be effected by users' physical environment. The above figures are reference.**

Outdoor Antenna (One antenna connected onto AP/Router, another antenna connected onto correspondent AP/Router)

							
Model Name	ANT24-0800	ANT24-0801	ANT24-1200	ANT24-1201	ANT24-1400	ANT24-1800	ANT24-1801
Description	Omni-directional	Directional	Directional	Directional	Directional	Directional	Directional
Application	Outdoor	Outdoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Gain (Without cable loss)	8dBi	8.5dBi	12dBi	12dBi	14dBi	18dBi	18dBi
Appro. outdoor Range at 1 Mbps	1km *(800m)	1.2km *800m	2km *(1km)	2.5km *(1km)	3km *(1km)	5km *(1.2km)	5km *(1.2km)
Appro. Outdoor Range at 11Mbps	300m *(200m)	350m *(200m)	600m *(300m)	750m *(300m)	900m *(300m)	1.5km *(300m)	1.5km *(300m)
HPBW***	H360 V15	H70 V70	H80 V23	H80 V23	H30 V30	H15 V15	H15 V15
Pigtail length		30cm(ULA198)	NA	32cm(ULA198)	30cm(ULA198)	NA	NA
Default Extension Cable Length	50cm (ULA198)	3m (ULA198)	3m (ULA198)	50cm (ULA198)	50cm (ULA198)	50cm (ULA198)	50cm (ULA198)
Dim. (Antenna)	Φ21*550(mm)	120*120*43(mm)	330*93*20.7(mm)	280*87*48(mm)	240*240*69.5(mm)	360*360*16(mm)	Φ89*1000(mm)
Package (mm)	745*280*150	276*237*86	352*142*76	350*145*55	276*316*116	430*430*122	1140*280*210
Antenna Kit Weight	3.34(kgw)	1.125(kgw)	0.45(kgw)	0.36(kgw)	2.84(kgw)	3.84(kgw)	5.00(kgw)
Antenna Weight	0.36(kgw)	0.3(kgw)	0.19(kgw)	0.3(kgw)	0.825(kgw)	3.25(kgw)	3.25(kgw)

In ETSI regulated countries, due to EIRP 20 db constraints, the transmission range might be less than 2 km.

** 1.Extended range reference based on RF-Output Power 14dbm with default cable loss

2.The transmission distance range might depend on the two same spec antennas with default cable loss.

***HPBW: Half Power Beam Width. H: horizontal plane pattern V: vertical plane pattern