









Antenna Guide









Indoor Antennas

	DWL-50AT	DWL-M60AT	DWL-R60AT	ANT24-0401	ANT24-0501	ANT24-0600	ANT24-0700	ANT24-1200
Image								
Connector type	SMA-female	SMA-female	SMA-female	SMA-female	SMA-female	SMA-female	SMA-female	SMA-female
dBi Gain	5	6	6	4	5	6	7	12
Omni/Directional	Dipole	Directional	Directional	Omni	Omni	Directional	Omni	Directional
Horizontal/Vertical Angle	Dipole	H80°/V80°	H70°/V85°	H360°/V120°	H360°/V36°	H68°/V80°	H360°/V24°	H80°/V23°
Typical Distance (1Mbps)*	300 m	400 m	1000 m	300 m	1000 m	1000 m	1500 m	2000 m
Typical Distance (11Mbps)*	200 m	300 m	400 m	150 m	500 m	500 m	600 m	800 m
Typical Distance (22Mbps)*	200 m	300 m	400 m	150 m	500 m	500 m	600 m	800 m
Typical Distance (54Mbps)*	100 m	200 m	300 m	100 m	150 m	300 m	350 m	500 m
Mounting Type	Screw-on	Desktop/Wall	Screw-on	Ceiling	Flexible **	Flexible **	Flexible **	Wall
Cable length (m)	–	1.4	–	2	1.5	1.5	1.5	3
Dimensions (mm)	197 x 13	120 x 87	120 x 38	132 x 42	230 x 120 x 120	85 x 80 x 34	326 x 120 x 120	330 x 93 x 21

* with the included antenna cable, distances quoted are for reference only and will vary dependent on the environment







** Wall, Ceiling (not ANT24-0600), Desktop and Magnetic

Outdoor Antennas

	ANT24-0500	ANT24-0800	ANT24-0801	ANT24-1400	ANT24-1500	ANT24-1800	ANT24-1801	ANT24-2100
Image								
Connector type	N-female	N-female	N-female	N-female	N-female	N-female	N-female	N-female
dBi Gain	5	8	8.5	14	15	18	18	21
Omni/Directional	Omni	Omni	Directional	Directional	Omni	Directional	Directional	Directional
Horizontal/Vertical Angle	H360°/V30°	H360°/V15°	H70°/V70°	H30°/V30°	H360°/V5°	H15°/V15°	H15°/V15°	H18°/V12°
Typical Distance (1Mbps)*	1000 m	2000 m	2000 m	5000 m	5000 m	7000 m	7000 m	8000 m
Typical Distance (11Mbps)*	500 m	800 m	800 m	3000 m	3000 m	5000 m	5000 m	7000 m
Typical Distance (22Mbps)*	500 m	800 m	800 m	3000 m	3000 m	5000 m	5000 m	7000 m
Typical Distance (54Mbps)*	150 m	400 m	400 m	1500 m	1500 m	4000 m	4000 m	5000 m
Mounting Type	Wall/Pole	Wall/Pole	Wall/Pole	Wall/Pole	Wall/Pole	Wall/Pole	Wall/Pole	Wall/Pole
Cable length (m)	3	0.5	3	0.5	3	0.5	0.5	3
Dimensions (mm)	330 x 19	630 x 19	120 x 120 x 43	240 x 240 x 70	1650 x 25	360 x 360 x 16	1000 x 89	270 x 610

* with the included antenna cable, distances quoted are for reference only and will vary dependent on the environment

Accessories

	ANT24-CB03N	ANT24-CB06N	ANT24-CB09N	ECB-ANT24-0500	ECB-ANT24-0800	ECB-ANT24-1200	–	–
Image							–	–
Type	Extension Cable	Extension Cable	Extension Cable	Spare Cable	Spare Cable	Spare Cable	–	–
Model	HDF-400	HDF-400	HDF-400	ULA-198	ULA-198	ULA-198	–	–
Length	3 metres	6 metres	9 metres	3 metres	50 cm	3 metres	–	–
Connection type	N male - N female	N male - N female	N male - N female	N male - SMA female	N male - SMA female	SMA male - SMA female	–	–
Use with	Outdoor antennas	Outdoor antennas	Outdoor antennas	Outdoor antennas	Outdoor antennas	ANT24-0401 ANT24-1200	–	–
Cable loss, dB	1	2	3	2.5	0.4	2.5	–	–