

Lucent Technologies Nederland B.V. (WCND)

External Antenna overview for Outdoor Testing at SENTON

External Antenna							Cable assembly				Total	Total	Remarks
P/N	Designator	Model	Manuf	Manuf P/N	Type	Gain (dBi)	P/N Std-N	Rev-N	Cable Type	Length	loss (dB 1)	Gain (dBi)	
LUCENT													
012741	AOU24-OD-10		Telex	2439 LT	Omni	10	011463	na	LMR400	20ft	2.9	7.1	
							010998	010999	LMR200	20ft	4.5	5.5	
							011000	010317	LMR400	50ft	4.5	5.5	
							011001	011002	LMR400	75ft	5.3	4.7	
012742	AOU24-WA-12-A	Wide angle	Superpass	SPWB4PDGE11N	Directional patch	12	011463	na	LMR400	20ft	2.9	9.1	
							010998	010999	LMR200	20ft	4.5	7.5	
							011000	010317	LMR400	50ft	4.5	7.5	
							011001	011002	LMR400	75ft	5.3	6.7	
012742	AOU24-WA-12-B	Wide angle	Telex	2443LT	Directional	12	011463	na	LMR400	20ft	2.9	9.1	
							010998	010999	LMR200	20ft	4.5	7.5	
							011000	010317	LMR400	50ft	4.5	7.5	
							011001	011002	LMR400	75ft	5.3	6.7	
012743	AOU24-DI-24	Parabolic	Conifer Andrew	26T2400F	Directional grid	23.5	011463	na	LMR400	20ft	2.9	20.6	
							010998	010999	LMR200	20ft	4.5	19.0	
							011000	010317	LMR400	50ft	4.5	19.0	
							011001	011002	LMR400	75ft	5.3	18.2	
011003 (010191, See note 4)	AOU24-YA-1414	Yagi	Telex	2415LTN	Directional	13.5	011463	na	LMR400	20ft	2.9	10.6	
							010998	010999	LMR200	20ft	4.5	9.0	
							011000	010317	LMR400	50ft	4.5	9.0	
							011001	011002	LMR400	75ft	5.3	8.2	
011005 (011006)	AOU24-OD-77		MaxRad	Z483	Omni	7	011463	na	LMR400	20ft	2.9	4.1	
							010998	010999	LMR200	20ft	4.5	2.5	
							011000	010317	LMR400	50ft	4.5	2.5	
							011001	011002	LMR400	75ft	5.3	1.7	
010994 (010993)	AOU24-OD-55		Larssen	FB45ST2400WA	Omni	5	011161	011160	Filotex	2.5m	3.3	1.7	
012843	AOU24-OD-55-B		Telex	Mobile	Omni	5	Fixed	na	Filotex	2.5m	3.3	1.7	
010096	AIN24-OD-0202-0		Lucent	--	Omni	--	na	na	Filotex	1.5m	--	2.0	RF connector
na							010777	010995	Filotex	50cm	0.9		RF IEEE cable
na							010997	010996	na		0.4		Lightning Protector
LXE													
155845-0001	--	Spire	LXE	155845-0001	Omni	6	--		RG-58	5.25 in.	1	5	
155846-0001	--	Spire	LXE	155846-0001	Omni	3	--		RG-58	5.25 in.	1	2	
153180-0001	--	None	Cushcraft	RTN2400SXR	Omni	2.2	--		Filotex	8 inch	1	1.2	
480429-0400		None	MaxRad	MHWS2400WRPC	Omni	2.2	--		Filotex	8 inch	1	1.2	

NOTES:

1. Total loss LMR cable assy includes LMR cable + Surge Arrestor + RF IEEE cable
2. Cable type LMR 200 (Times Microwave) identical to TWB2001 (Amphenol) and LMR400 identical to TWB40001. Note that Amphenol owns Times Microwave.
3. The antenna part numbers shown between brackets refer to the Reversed N connector attached.
4. This part number supersedes pn 011004 as initially assigned. The latter was also used in the different test reports of the Yagi antenna. No functional differences. Just a wrong part number