

ZSL Series

Radome enclosed horizontal UHF TV band IV & V Slot antenna

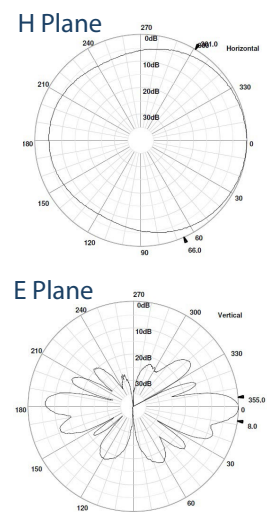
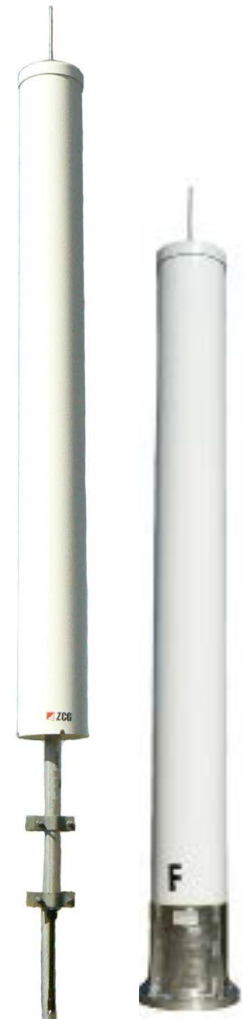
Page 1 of 3



Featuring a horizontal radiation pattern and high gain, the ZSL-5262 series of slot antennas are designed for 520-620MHz UHF TV broadcast covering channel 27-40. For alternative channels see the following pages.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	ZSL5262-LP	ZSL5262-MP	ZSL5262MP-FM
Construction	White fibreglass radome, aluminium mount section and lightning finial		White fibreglass radome, flange mount base and lightning finial
Frequency range	520-620MHz - Ch 27-40 - Band IV & V (4 & 5)		
Bandwidth	Full frequency range		
Tuning	Factory		
VSWR	<1.2:1 across channel range		
Gain	9.5dBd		
Maximum TV power	200 Watts	2 Kilowatts	3 Kilowatts
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Horizontal		
Connector - fitted	N-type female	7/16" DIN female	7/8" EIA
Cable	350mm ZCG1250 bottom exits from mount section		N/A
Height	3.1 metres		2.6 metres
Weight	18.0kg	20.0kg	21.5kg
Radome diameter	250mm		
Mount section diameter	63mm		Flange plate
Projected area	0.451m ²		0.440m ²
Wind load at 160kph	54.58kg, 0.535kN		53.258kg, 0.522kN
Mounting hardware order separate	Parallel: 2 x UAM180L or 2 x UAM180UNI Right-angle: 2 x UAM90L or 2 x UAM90UNI		8 x 18mm bolts
Warranty	2 Years		



ZSL Series

Radome enclosed horizontal UHF TV band V Slot antenna

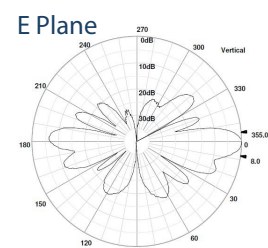
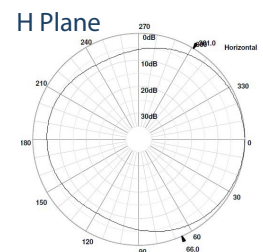
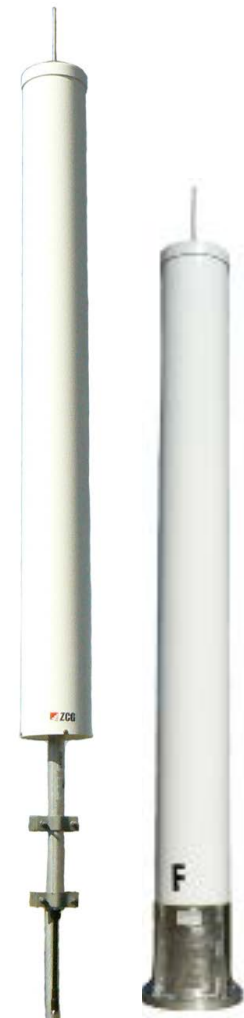
Page 2 of 3



Featuring a horizontal radiation pattern and high gain, the ZSL-6172 series of slot antennas are designed for 610-720MHz UHF TV broadcast covering channel 40-54. For alternative channels see the following pages.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	ZSL6172-LP	ZSL6172-MP	ZSL6172MP-FM
Construction	White fibreglass radome, aluminium mount section and lightning finial		White fibreglass radome, flange mount base and lightning finial
Frequency range	610-720MHz - Ch 40-54 - Band V (5)		
Bandwidth	Full frequency range		
Tuning	Factory		
VSWR	<1.2:1 across channel range		
Gain	9.5dBd		
Maximum TV power	200 Watts	2 Kilowatts	3 Kilowatts
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Horizontal		
Connector - fitted	N-type female	7/16" DIN female	7/8" EIA
Cable	350mm ZCG1250 bottom exit from mount section		N/A
Height	2.7 metres		2.35 metres
Weight	15.0kg		18.0kg
Radome diameter	160mm		
Mount section diameter	63mm		Flange plate
Projected area	0.257m ²		0.252m ²
Wind load at 160kph	31.165kg, 0.305kN		30.54kg, 0.299kN
Mounting hardware order separate	Parallel: 2 x UAM180L or 2 x UAM180UNI Right-angle: 2 x UAM90L or 2 x UAM90UNI		8 x 18mm bolts
Warranty	2 Years		



ZSL Series

Radome enclosed horizontal UHF TV band V Slot antenna

Page 3 of 3



Featuring a horizontal radiation pattern and high gain, the ZSL-7182 series of slot antennas are designed for 708-820MHz UHF TV broadcast covering channel 54-69. For alternative channels see the previous pages.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	ZSL7182-LP	ZSL7182-MP	ZSL7182MP-FM
Construction	White fibreglass radome, aluminium mount section and lightning finial		White fibreglass radome, flange mount base and lightning finial
Frequency range	708-820MHz - Ch 54-69 - Band V (5)		
Bandwidth	Full frequency range		
Tuning	Factory		
VSWR	<1.2:1 across channel range		
Gain	9.5dBd		
Maximum power	200 Watts	2 Kilowatts	3 Kilowatts
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Horizontal		
Connector - fitted	N-type female	7/16" DIN female	7/8" EIA
Cable	350mm ZCG1250 bottom exit from mount section		N/A
Height	2.5 metres		2.1 metres
Weight	12.0kg		16.0kg
Radome diameter	131mm		
Mount section diameter	63mm		Flange plate
Projected area	0.197m ²		0.186m ²
Wind load at 160kph	23.86kg, 0.234kN		22.551kg, 0.221kN
Mounting hardware order separate	Parallel: 2 x UAM180L or 2 x UAM180UNI Right-angle: 2 x UAM90L or 2 x UAM90UNI		8 x 18mm bolts
Warranty	2 Years		

