

Section 2

BROADCAST ANTENNAS

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Yagi Rear Reflector Screens



When a rear reflector screen is fitted to a Yagi, the radiation pattern emitted at the rear is restricted considerably and the front-to-back ratio is improved to better than 24 dB to meet the Australian Communications and Media Authority standard.

ZCG Scalar manufacture two types of rear reflector screens to suit any base station or broadcast Yagi in the Y400, Y600TV, Y800 or Y800-20RL series :

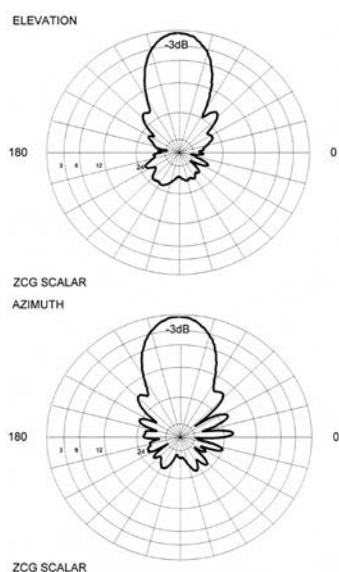
- **YFRS** is a flat screen.
- **YVRS** is a Vee-shaped screen for additional side-lobe suppression.

These screens can be constructed from either aluminium or stainless steel.



SPECIFICATIONS	YFRS-AL	YFRS-SS	YVRS-AL	YVRS-SS
Construction	Aluminium	Stainless Steel	Aluminium	Stainless Steel
Rear Screen Type	Flat Screen	Flat Screen	Vee-shaped	Vee-shaped
Suit Yagi Series	Y400, Y600TV, Y800 or Y800-20RL		Y400, Y600TV, Y800 or Y800-20RL	
Front-to-Back Ratio	Improved to better than 24 dB		Improved to better than 24 dB with additional side lobe suppression	

Y415 fitted with YFRS-AL Flat Rear Screen



Y615TVSS fitted with YVRS-SS Vee-shaped Rear Screen

