



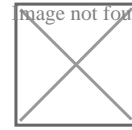
### PHP12S Panel Array Series

470-860MHz UHF TV Panel Arrays

PHP12S Series

The PHP 12S broadband panel is designed as a building block for integration into complex antenna arrays . It is specifically designed to operate on large cross section structures as an alternative to cantilever design or to utilise available aperture.

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#### FEATURES / BENEFITS

- Fully re-engineered for Digital TV
- Corrosion resistant aluminium construction with fibreglass radome
- Horizontal polarization
- Low wind loading
- Cyclone rated
- Unprecedented pattern circularity
- Full band operation
- High power rating
- Affords greater array access for maintenance and staff safety
- Array design allows a variety of horizontal radiation patterns with or without vertical beam tilt and null fill, contact RFS for details
- Temperature range -40 to +60 C available
- Can be mounted on existing towers minimising significant capital investment in tower strengthening.
- For detailed technical information use the external document link below.

### Technical features

#### STRUCTURE

Product Line		Antenna UHF TV
Product Type		Band IV/V (UHF) TV Panel Arrays

#### ELECTRICAL SPECIFICATIONS

Frequency Range	MHz	470 - 860
Polarization		Horizontal

#### External Document Links

- [PHP12S panel data sheet](#)
- [PHP-12S Array Application Guide](#)

#### Notes

Open application guide at left for array patterns and technical specifications.