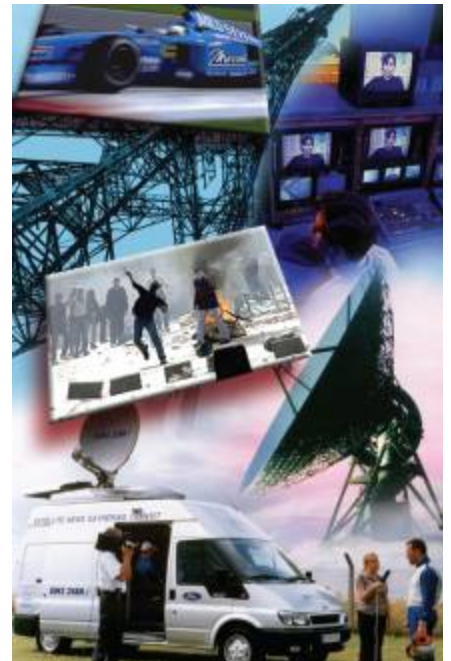


SpacePath Communications

TWTA Product Range





Our growing amplifier range

Based on over 30 years' experience in design and manufacture, the Stellar range of satellite amplifiers has earned a reputation for extremely robust, reliable and highly efficient, high-power satellite uplink amplifiers, for indoor and outdoor applications.

Band	C	X	Ku	DBS	Ka	Q
800	750	750	750	750		
500				500	500	
400	400	400	400			
300						
200			180			200*
100					150 / 175	
90						
80						
70						
60						

Indoor Amplifiers

* Under development

Type	Band	F (GHz)	TWT Power (W)	TWT A Power (W)	Size
STR2175	C	5.85-6.650 5.85-7.025	750	650	4 RU
STR2275	X	7.90-8.40	750	650	4 RU
STR2375	Ku	13.75-14.50 12.75-14.50	750	650	4 RU
STR2450	DBS	17.3-18.1 17.3-18.4	500	420	4 RU
STR2475	DBS	17.3-18.1 17.3-18.4	750	650	4 RU

Options:

- Internal BUC
- 10MHz Autosense Ref
- Lineariser
- Redundancy control
- Quick waveguide fittings

Features:

- Easy to use, colour touch screen control
- Compact & lightweight

- Wide mains input voltage range, allowing operation from worldwide prime power supplies (medium power commercial product range)
- Circulator, receive band filter and harmonic filter included as standard
- Stand alone setting - automatically sequences to transmit mode
- Ethernet connection
- Forward & reverse power monitoring
- TWTA Performance Data and Event Logging



SpacePath Communications Ltd
 Unit4 Bartley Point, Osborn Way, Hook, Hampshire, RG27 9GX UK
 Tel: +44 1256 760525 www.space-path.com
 Email us for more information: sales@space-path.com



Proven Performance, Quality, Reliability & Efficiency

Outdoor Amplifiers

Type	Band	F (GHz)	TWT Power (W)	TWT A Power (W)	Size (mm)	Weight Kgs
STA1140	C	5.85-6.650 5.85-7.025	400	350	244H x 520L x 260W	25
STA1240	X	7.90-8.40	400	350	244H x 520L x 260W	25
STA3318	Ku	13.75-14.50	180	150	132.5H x 348L x 183W	9
STA1340	Ku	13.75-14.50 12.75-14.50	400	350	244H x 520L x 260W	25
STA1341	Ku	13.75-14.50	400	350	216H x 400L x 220W	13.6
STA2175	C	5.85-6.650 5.85-7.025	750	650	303H x 546L x 324W	34
STA2275	X	7.90-8.40	750	650	303H x 546L x 324W	34
STA2375	Ku	13.75-14.50 12.75-14.50	750	650	303H x 546L x 324W	34
STA2450	DBS	17.3-18.1 17.3-18.4	500	420	303H x 546L x 324W	34
STA2475	DBS	17.3-18.1 17.3-18.4	750	650	303H x 546L x 324W	34
STA3150	Ka	27.5-30.0 30.0-31.0	150	130	216H x 400L x 220W	13.6
STA3175	Ka	27.5-30.0 30.0-31.0	180	150	216H x 400L x 220W	13.6
STA3250*	Ka	27.5-30.0 30.0-31.0	250	100	241H x 559L x 260W	25
STA3251*	Ka	27.5-30.0 30.0-31.0	500	250	241H x 559L x 260W	25
STA3620*	Q	43.5-45.5	200	130	216H x 400L x 220W	13.6

* Under development

Options:

- Internal BUC
- 10MHz Autosense Ref
- Lineariser
- S-Link Breakout Connector
- Quick Waveguide fittings
- Ethernet Connection

Features:

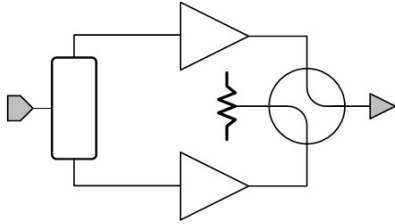
- Easy to integrate & use
- Compact & lightweight
- Forward & reverse power monitoring
- Wide mains input voltage range, allowing operation from worldwide prime power supplies (medium power commercial product range)
- Circulator, receive band filter and harmonic filter included as standard
- Weatherproof antenna mount construction allows exposed mounting
- Redundant control - contains control & drive circuits for redundancy option
- Stand alone setting - automatically sequences to transmit mode



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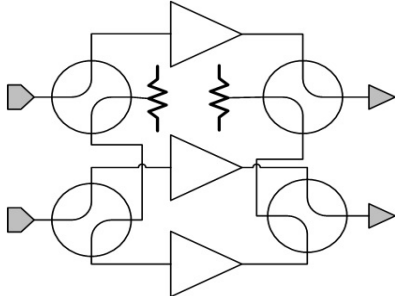
SpacePath
 COMMUNICATIONS
 stellar satellite amplifiers

Redundant & Power Combined Systems



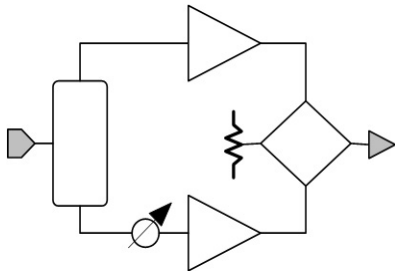
1:1 Redundant Systems

Comprising of two amplifiers, Indoor controller, cable harness (connecting amplifiers, waveguide switch to indoor controller) external waveguide network, load and waveguide switch.



1:2 Redundant Systems

Comprising of three amplifiers, Touch Screen Indoor controller, cable harness (connecting amplifiers, waveguide switches to indoor controller) external waveguide network, loads and waveguide switches.



Power Combined Systems

The standard two amplifier power combined system comprises of two amplifiers, Indoor controller, cable harness (connecting amplifiers, combiner/switch to indoor controller) external waveguide network, combiner, phase adjuster, load and waveguide switch.

Other system configurations including 1:2 combined systems can also be offered.

SUPPORT WHERE AND WHEN YOU NEED IT

EUROPE - service@space-path.com

MIDDLE EAST - servicemea@space-path.com

USA - service@stellarsatcom.com

- **TECHNICAL ASSISTANCE**
- **LOAN/RENTAL UNITS FOR IMMEDIATE DEPLOYMENT**
- **APPLICATION DESIGN SUPPORT**
- **SPECIALIST LOGISTICS**

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