

19" communication and data equipment racks



A complete in-house solution for equipment rack build and integration. Our capabilities cover a wide variety of applications including 19" cabinets for satellite earth station equipment, data and networking technology, outdoor assemblies, EMC, seismic and mobile applications.

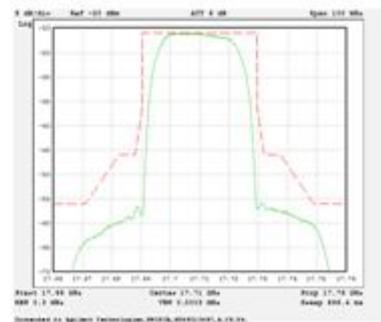
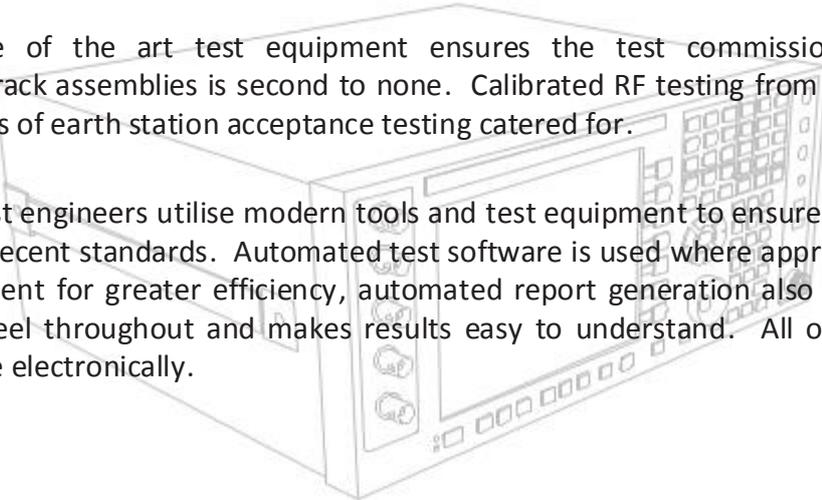
A variety of customisable solutions are available.



Test Facilities

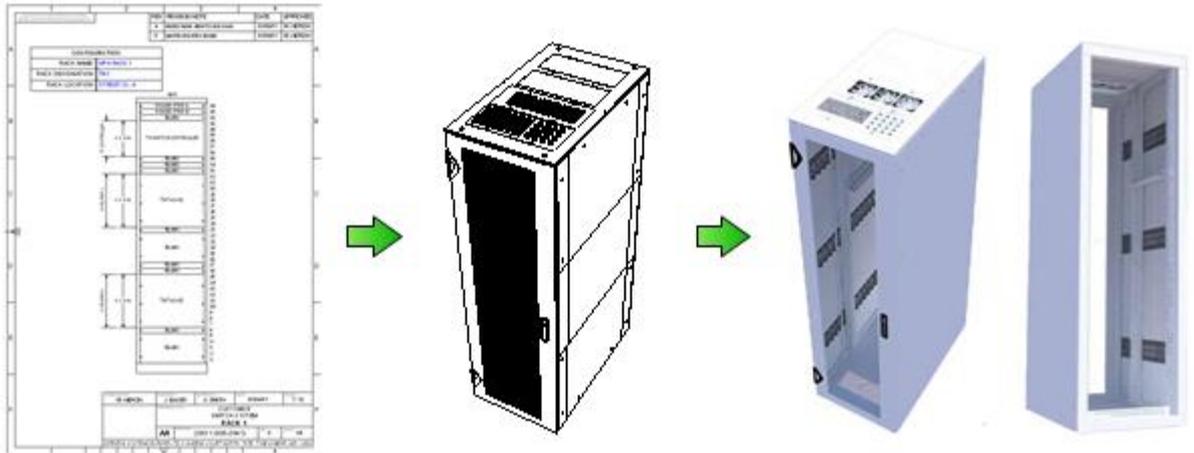
Our in-house state of the art test equipment ensures the test commissioning and certification of our rack assemblies is second to none. Calibrated RF testing from DC to Ka-Band with all aspects of earth station acceptance testing catered for.

Our experienced test engineers utilise modern tools and test equipment to ensure our racks are tested to most recent standards. Automated test software is used where appropriate to control test equipment for greater efficiency, automated report generation also gives test reports a familiar feel throughout and makes results easy to understand. All of our test reports are available electronically.



Bespoke Design

Working with our customers we can develop innovative solutions to meet job specific requirements. Working with 2D and 3D design tools allows high accuracy from design to completion.



We can offer a variety of cable management solutions to suit volume of cabling. We can provide interface panels at the front, rear, top and bottom of the rack as a system demands. Signal patching, splitting, combining and routing is also catered for with many existing designs available although we regularly produce custom patching and interfacing shelf units.

Cabling and Wiring

High quality rack wiring is our standard, we can provide a wide range of wiring solutions including coaxial, data, Cat5/Cat6, fibre. Our primary goal is to offer flexibility by providing cost effective tailored solutions.



WIRE / CABLE #	CABLE TYPE (ITEM #)	SIGNAL (MG)	CONNECTOR TYPE (ITEM #)	FROM			COLOR	TO			FUNCTION / REMARKS		
				EQUIPMENT #	PORT #	PL		EQUIPMENT #	PORT #	PL			
CONTROL													
* Interconnect to telephone													
W1225	8502	4	200P	TS Switch Frame	Channel 2	3	Red	3	JPS	4794 Patch Panel (E)	220208-08	200W	20228-08 (TS) to 4794 PPS (TS) Rear Panel
				4794 Patch Panel (E)	220208-08	3	Back Panel	3		TS Switch Controller		200W	4794 and 4794 input wiring
				4794 Patch Panel (E)	220208-08	3	TS	3				200W	4794 and 4794 input wiring
				4794 Patch Panel (E)	220208-08	3	Back Panel	3				200W	4794 and 4794 input wiring
				4794 Patch Panel (E)	220208-08	3	TS	3				200W	4794 and 4794 input wiring
				4794 Patch Panel (E)	220208-08	3	Back Panel	3				200W	4794 and 4794 input wiring
				4794 Patch Panel (E)	220208-08	3	TS	3				200W	4794 and 4794 input wiring

