Amphenol Broadband Solutions®

ALT18XXXP 1.8 GHz Distribution Taps

These Hardline Multi-taps provide excellent bi-directional compatibility, low insertion loss, high port-to-port isolation and are also power passing. Designed for 90 VAC systems with a current capacity of up to 15 amps. The 15 psi weatherproof seal, epoxy finish and neoprene sealed covers provide outstanding environmental protection.

ABS Blue Series taps offfer optional BarrIER™ LiTE technology. BarrIER™ LiTE is ingress/egress mitigation technology that prevents transient signals in the aeronautical and growing wireless LTE bands.

ALT18208HP

Features & Benefits:

- Fully Meets the Requirements of DOCSIS 4.0
- Downstream Frequency Bandwidth to 1.8 GHz
- Interchangeable Covers and Circuitry
- Corrosion Resistant Case
- Weather Resistant Baked on Epoxy Finish
- Captive Stainless Steel Hardware
- SCTE Compliant F-Type Connectors
- 6 kV Surge Protection on Input and Output Ports
- Power Passing
- Powering Options: 30 to 90 VAC
- Operating Temperature: -40°C to +60°C
- Optional - BarrIER™ Noise Mitigation Technology

ALT18411HP

Application:

CATV Outside Plant

ALT18817WP

Specifications

Parameter	Frequency MHz	ALT18204HPT		ALT18208HP		ALT18211HP		ALT18214HP		ALT18217HP		ALT18220P		ALT18223HP		ALT18226HP		ALT18229HP	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss – In/Out in dB: Typical/Mazimum	5	N/A		3.0	3.8	3.0	3.5	1.7	2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	10			3.3	4.3	3.4	3.5	2.0	2.4	1.5	1.8	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	200			3.4	4.5	3.4	3.6	2.0	2.6	1.6	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.4
	550			3.5	4.5	3.5	3.8	2.2	2.8	1.6	2.0	1.2	1.4	1.2	1.4	1.2	1.4	1.2	1.4
	750			3.7	4.7	3.6	4.0	2.3	2.8	1.7	2.2	1.3	1.5	1.3	1.5	1.3	1.5	1.3	1.5
	870			3.8	4.8	3.7	4.0	2.4	3.0	1.8	2.2	1.4	1.6	1.4	1.6	1.4	1.6	1.4	1.6
	1002			4.0	5.0	3.8	4.4	2.5	3.2	1.9	2.4	1.5	1.8	1.5	1.8	1.5	1.8	1.5	1.8
	1218			4.0	5.5	4.0	4.5	2.5	3.3	2.2	2.6	1.8	2.0	1.8	2.0	1.8	2.0	1.8	2.0
	1600			5.1	5.8	4.3	4.8	2.8	3.5	2.4	2.8	2.0	2.2	2.0	2.2	2.0	2.2	2.0	2.2
	1800			5.4	6.0	4.5	5.0	3.3	4.0	2.5	3.5	2.2	2.8	2.2	2.8	2.2	2.8	2.2	2.8
Insertion Loss – In/Tap in dB: Typical/Maximum	5	3.6	4.5	7.8	8.0	11.6	12.0	12.5	14.0	15.0	17.0	19.5	20.5	20.0	23.5	22.3	26.5	26.5	29.5
	10	3.5	5.0	7.3	8.3	11.0	11.5	14.1	14.5	16.4	17.2	19.7	20.2	22.5	24.0	26.0	27.0	28.8	31.0
	200	3.6	5.0	7.2	8.5	11.2	12.0	14.2	15.0	16.5	17.5	20.0	21.0	22.9	24.0	26.3	27.2	29.2	30.5
	550	3.8	5.0	7.4	8.5	11.3	12.5	14.3	15.2	16.7	17.5	20.2	21.0	23.2	24.0	26.3	27.2	29.2	30.5
	750	4.2	5.2	7.6	9.0	11.4	12.5	14.4	15.5	17.2	17.8	20.5	21.2	23.6	24.2	26.3	27.5	29.2	30.5
	870	4.6	5.5	7.8	9.5	11.5	12.5	14.5	15.5	17.5	18.5	20.8	21.5	23.4	24.5	26.2	27.5	29.7	31.0
	1002	4.8	5.5	8.0	9.8	11.6	12.8	14.6	15.8	17.8	18.8	21.0	21.5	23.4	24.8	25.9	27.8	29.5	31.0
	1218	5.0	5.8	8.3	9.8	11.7	12.8	14.7	15.8	18.0	18.8	21.2	21.8	23.6	24.8	25.4	27.8	29.2	31.0
	1600	5.2	5.8	9.3	9.8	12.0	12.8	15.2	15.8	18.2	18.8	21.5	21.8	24.1	24.8	26.4	27.8	29.9	32.0
	1800	5.5	6.2	9.6	10.2	12.4	13.0	15.4	16.0	18.7	19.2	21.7	22.0	24.5	25.0	27.3	28.0	30.3	32.0
Isolation - Out/Tap Port in dB: Typical/Maximum	5 – 10	N/A		20	18	18	15	18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218			24	22	24	22	24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600			22	20	22	20	22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800			20	18	20	18	22	20	22	20	24	22	25	24	28	25	30	28
Isolation - Tap Port/Tap Port in dB: Typical/Maximum	5 – 10	20	18	18	15	18	15	20	18	20	18	20	18	20	18	20	18	20	18
	11 -1218	24	22	24	22	24	22	24	22	24	22	24	22	24	22	24	22	24	22
	1219 -1600	22	20	22	20	22	20	22	20	22	20	22	20	22	20	22	20	22	20
	1601 – 1800	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18
Return Loss - all ports in dB: Typical/Minimwum	5 – 10	16	14	14	10	14	10	16	14	16	14	16	14	16	14	16	14	16	14
	11 – 1218	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1218 – 1600	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1601 –1800	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15

Specifications

Parameter	Frequency MHz	ALT18204HPT	ALT18208HP	ALT18211HP	ALT18214HP	ALT18217HP	ALT18220HP	ALT18223HP	ALT18226HP	ALT18229HP
Hum Mod - in dBc: @ 10Amps	5 – 10	N/A	55	55	55	55	55	55	55	55
	10 – 1600		60	60	60	60	60	60	60	60
	1600 – 1800		55	55	55	55	55	55	55	55
RFI Shielding - In dBc: Minimum	5 – 1002	120	120	120	120	120	120	120	120	120
	1003 – 1800	100	100	100	100	100	100	100	100	100

Specifications

Parameter	Frequency MHz	ALT18408PT		ALT18411WP		ALT18414WP		ALT18417WP		ALT18420WP		ALT18423WP		ALT18426WP		ALT18429WP	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss – In/Out in dB: Typical/Mazimum	5	N/A		3.0	3.8	3.0	3.5	1.7	2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	10			3.3	4.3	3.4	3.5	2.0	2.4	1.5	1.8	1.0	1.2	1.0	1.2	1.0	1.2
	200			3.4	4.5	3.4	3.6	2.0	2.6	1.6	1.8	1.2	1.8	1.2	1.8	1.2	1.4
	550			3.5	4.5	3.5	3.8	2.2	2.8	1.6	2.0	1.2	1.4	1.2	1.4	1.2	1.4
	750			3.7	4.7	3.6	4.0	2.3	2.8	1.7	2.2	1.3	1.5	1.3	1.5	1.3	1.5
	870			3.8	4.8	3.7	4.0	2.4	3.0	1.8	2.2	1.4	1.6	1.4	1.6	1.4	1.6
	1002			4.0	5.0	3.8	4.4	2.5	3.2	1.9	2.4	1.5	1.8	1.5	1.8	1.5	1.8
	1218			4.0	5.5	4.0	4.5	2.5	3.3	2.2	2.6	1.8	2.0	1.8	2.0	1.8	2.0
	1600			5.1	5.8	4.3	4.8	2.8	3.5	2.4	2.8	2.0	2.2	2.0	2.2	2.0	2.2
	1800			5.4	6.0	4.5	5.0	3.3	4.0	2.5	3.5	2.2	2.8	2.2	2.8	2.2	2.8
Insertion Loss – In/Tap in dB: Typical/Maximum	5	7.8	8.0	11.6	12.0	12.5	14.0	15.0	17.0	19.5	20.5	20.0	23.5	22.3	26.5	26.5	29.5
	10	7.3	8.3	11.0	11.5	14.1	14.5	16.4	17.2	19.7	20.2	22.5	24.0	26.0	27.0	28.8	31.0
	200	7.2	8.5	11.2	12.0	14.2	15.0	16.5	17.5	20.0	21.0	22.9	24.0	26.3	27.2	29.2	30.5
	550	7.4	8.5	11.3	12.5	14.3	15.2	16.7	17.5	20.2	21.0	23.2	24.0	26.3	27.2	29.2	30.5
	750	7.6	9.0	11.4	12.5	14.4	15.5	17.2	17.8	20.5	21.2	23.6	24.2	26.3	27.5	29.2	30.5
	870	7.8	9.5	11.5	12.5	14.5	15.5	17.5	18.5	20.8	21.5	23.4	24.5	26.2	27.5	29.7	31.0
	1002	8.0	9.8	11.6	12.8	14.6	15.8	17.8	18.8	21.0	21.5	23.4	24.8	25.9	27.8	29.5	31.0
	1218	8.3	9.8	11.7	12.8	14.7	15.8	18.0	18.8	21.2	21.8	23.6	24.8	25.4	27.8	29.2	31.0
	1600	9.3	9.8	12.0	12.8	15.2	15.8	18.2	18.8	21.5	21.8	24.1	24.8	26.4	27.8	29.9	32.0
	1800	9.6	10.2	12.4	13.0	15.4	16.0	18.7	19.2	21.7	22.0	24.5	25.0	27.3	28.0	30.3	32.0
Isolation - Out/Tap Port in dB: Typical/Maximum	5 – 10	N/A		18	15	18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218			24	22	24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600			22	20	22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800			20	18	22	20	22	20	24	22	25	24	28	25	30	28
Isolation - Tap Port/Tap Port in dB: Typical/Maximum	5 – 10	18	15	18	15	20	18	20	18	20	18	20	18	20	18	20	18
	11 -1218	24	22	24	22	24	22	24	22	24	22	24	22	24	22	24	22
	1219 -1600	22	20	22	20	22	20	22	20	22	20	22	20	22	20	22	20
	1601 – 1800	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18
Return Loss - all ports in dB: Typical/Minimum	5 – 10	14	10	14	10	16	14	16	14	16	14	16	14	16	14	16	14
	11 – 1218	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1218 – 1600	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1601 –1800	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15

Specifications

Parameter	Frequency MHz	ALT18408WPT	ALT18411WP	ALT18414WP	ALT18417WP	ALT18420WP	ALT18423WP	ALT18426WP	ALT18429WP
Hum Mod - in dBc: @ 10Amps	5 – 10	N/A	55	55	55	55	55	55	55
	10 – 1600		60	60	60	60	60	60	60
	1600 – 1800		55	55	55	55	55	55	55
RFI Shielding - In dBc: Minimum	5 – 1002	120	120	120	120	120	120	120	120
	1003 – 1800	100	100	100	100	100	100	100	100

Specifications

Parameter	Frequency MHz	ALT18204WPT		ALT18208WP		ALT18211WP		ALT18214WP		ALT18217WP		ALT18220WP		ALT18223WP		ALT18226WP		ALT18229WP	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss – In/Out in dB: Typical/Mazimum	5	N/A		3.0	3.8	3.0	3.5	1.7	2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	10			3.3	4.3	3.4	3.5	2.0	2.4	1.5	1.8	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	200			3.4	4.5	3.4	3.6	2.0	2.6	1.6	1.8	1.2	1.8	1.2	1.8	1.2	1.8	1.2	1.4
	550			3.5	4.5	3.5	3.8	2.2	2.8	1.6	2.0	1.2	1.4	1.2	1.4	1.2	1.4	1.2	1.4
	750			3.7	4.7	3.6	4.0	2.3	2.8	1.7	2.2	1.3	1.5	1.3	1.5	1.3	1.5	1.3	1.5
	870			3.8	4.8	3.7	4.0	2.4	3.0	1.8	2.2	1.4	1.6	1.4	1.6	1.4	1.6	1.4	1.6
	1002			4.0	5.0	3.8	4.4	2.5	3.2	1.9	2.4	1.5	1.8	1.5	1.8	1.5	1.8	1.5	1.8
	1218			4.0	5.5	4.0	4.5	2.5	3.3	2.2	2.6	1.8	2.0	1.8	2.0	1.8	2.0	1.8	2.0
	1600			5.1	5.8	4.3	4.8	2.8	3.5	2.4	2.8	2.0	2.2	2.0	2.2	2.0	2.2	2.0	2.2
	1800			5.4	6.0	4.5	5.0	3.3	4.0	2.5	3.5	2.2	2.8	2.2	2.8	2.2	2.8	2.2	2.8
Insertion Loss – In/Tap in dB: Typical/Maximum	5	3.6	4.5	7.8	8.0	11.6	12.0	12.5	14.0	15.0	17.0	19.5	20.5	20.0	23.5	22.3	26.5	26.5	29.5
	10	3.5	5.0	7.3	8.3	11.0	11.5	14.1	14.5	16.4	17.2	19.7	20.2	22.5	24.0	26.0	27.0	28.8	31.0
	200	3.6	5.0	7.2	8.5	11.2	12.0	14.2	15.0	16.5	17.5	20.0	21.0	22.9	24.0	26.3	27.2	29.2	30.5
	550	3.8	5.0	7.4	8.5	11.3	12.5	14.3	15.2	16.7	17.5	20.2	21.0	23.2	24.0	26.3	27.2	29.2	30.5
	750	4.2	5.2	7.6	9.0	11.4	12.5	14.4	15.5	17.2	17.8	20.5	21.2	23.6	24.2	26.3	27.5	29.2	30.5
	870	4.6	5.5	7.8	9.5	11.5	12.5	14.5	15.5	17.5	18.5	20.8	21.5	23.4	24.5	26.2	27.5	29.7	31.0
	1002	4.8	5.5	8.0	9.8	11.6	12.8	14.6	15.8	17.8	18.8	21.0	21.5	23.4	24.8	25.9	27.8	29.5	31.0
	1218	5.0	5.8	8.3	9.8	11.7	12.8	14.7	15.8	18.0	18.8	21.2	21.8	23.6	24.8	25.4	27.8	29.2	31.0
	1600	5.2	5.8	9.3	9.8	12.0	12.8	15.2	15.8	18.2	18.8	21.5	21.8	24.1	24.8	26.4	27.8	29.9	32.0
	1800	5.5	6.2	9.6	10.2	12.4	13.0	15.4	16.0	18.7	19.2	21.7	22.0	24.5	25.0	27.3	28.0	30.3	32.0
Isolation - Out/Tap Port in dB: Typical/Maximum	5 – 10	N/A		20	18	18	15	18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218			24	22	24	22	24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600			22	20	22	20	22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800			20	18	20	18	22	20	22	20	24	22	25	24	28	25	30	28
Isolation - Tap Port/Tap Port in dB: Typical/Maximum	5 – 10	20	18	20	18	18	15	18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218	24	22	24	22	24	22	24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600	22	20	22	20	22	20	22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800	20	18	20	18	20	18	22	20	22	20	24	22	25	24	28	25	30	28
Return Loss - all ports in dB: Typical/Minimum	5 – 10	16	14	18	15	18	15	20	18	20	18	20	18	20	18	20	18	20	18
	11 – 1218	18	16	24	22	24	22	24	22	24	22	24	22	24	22	24	22	24	22
	1218 – 1600	18	16	22	20	22	20	22	20	22	20	22	20	22	20	22	20	22	20
	1601 –1800	17	15	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18

Specifications

Parameter	Frequency MHz	ALT18204WPT	ALT18208WP	ALT18211WP	ALT18214WP	ALT18217WP	ALT18220WP	ALT18223WP	ALT18226WP	ALT18229WP
Hum Mod - in dBc: @ 10Amps	5 – 10	N/A	55	55	55	55	55	55	55	55
	10 – 1600		60	60	60	60	60	60	60	60
	1600 – 1800		55	55	55	55	55	55	55	55
RFI Shielding - In dBc: Minimum	5 – 1002	120	120	120	120	120	120	120	120	120
	1003 – 1800	100	100	100	100	100	100	100	100	100

Specifications

Parameter	Frequency MHz	ALT18408WPT		ALT18411WP		ALT18414WP		ALT18417WP		ALT18420WP		ALT18423WP		ALT18426WP		ALT18429WP	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss – In/Out in dB: Typical/Mazimum	5	N/A		3.0	3.8	3.0	3.5	1.7	2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2
	10			3.3	4.3	3.4	3.5	2.0	2.4	1.5	1.8	1.0	1.2	1.0	1.2	1.0	1.2
	200			3.4	4.5	3.4	3.6	2.0	2.6	1.6	1.8	1.2	1.8	1.2	1.8	1.2	1.4
	550			3.5	4.5	3.5	3.8	2.2	2.8	1.6	2.0	1.2	1.4	1.2	1.4	1.2	1.4
	750			3.7	4.7	3.6	4.0	2.3	2.8	1.7	2.2	1.3	1.5	1.3	1.5	1.3	1.5
	870			3.8	4.8	3.7	4.0	2.4	3.0	1.8	2.2	1.4	1.6	1.4	1.6	1.4	1.6
	1002			4.0	5.0	3.8	4.4	2.5	3.2	1.9	2.4	1.5	1.8	1.5	1.8	1.5	1.8
	1218			4.0	5.5	4.0	4.5	2.5	3.3	2.2	2.6	1.8	2.0	1.8	2.0	1.8	2.0
	1600			5.1	5.8	4.3	4.8	2.8	3.5	2.4	2.8	2.0	2.2	2.0	2.2	2.0	2.2
	1800			5.4	6.0	4.5	5.0	3.3	4.0	2.5	3.5	2.2	2.8	2.2	2.8	2.2	2.8
Insertion Loss – In/Tap in dB: Typical/Maximum	5	7.8	8.0	11.6	12.0	12.5	14.0	15.0	17.0	19.5	20.5	20.0	23.5	22.3	26.5	26.5	29.5
	10	7.3	8.3	11.0	11.5	14.1	14.5	16.4	17.2	19.7	20.2	22.5	24.0	26.0	27.0	28.8	31.0
	200	7.2	8.5	11.2	12.0	14.2	15.0	16.5	17.5	20.0	21.0	22.9	24.0	26.3	27.2	29.2	30.5
	550	7.4	8.5	11.3	12.5	14.3	15.2	16.7	17.5	20.2	21.0	23.2	24.0	26.3	27.2	29.2	30.5
	750	7.6	9.0	11.4	12.5	14.4	15.5	17.2	17.8	20.5	21.2	23.6	24.2	26.3	27.5	29.2	30.5
	870	7.8	9.5	11.5	12.5	14.5	15.5	17.5	18.5	20.8	21.5	23.4	24.5	26.2	27.5	29.7	31.0
	1002	8.0	9.8	11.6	12.8	14.6	15.8	17.8	18.8	21.0	21.5	23.4	24.8	25.9	27.8	29.5	31.0
	1218	8.3	9.8	11.7	12.8	14.7	15.8	18.0	18.8	21.2	21.8	23.6	24.8	25.4	27.8	29.2	31.0
	1600	9.3	9.8	12.0	12.8	15.2	15.8	18.2	18.8	21.5	21.8	24.1	24.8	26.4	27.8	29.9	32.0
	1800	9.6	10.2	12.4	13.0	15.4	16.0	18.7	19.2	21.7	22.0	24.5	25.0	27.3	28.0	30.3	32.0
Isolation - Out/Tap Port in dB: Typical/Maximum	5 – 10	N/A		20	18	18	15	18	15	18	15	20	18	25	22	30	25
	11 -1218			24	22	24	22	24	22	24	22	25	24	30	28	32	30
	1219 -1600			22	20	22	20	22	20	22	20	25	24	28	25	30	28
	1601 – 1800			20	18	20	18	22	20	22	20	24	22	25	24	28	25
Isolation - Tap Port/Tap Port in dB: Typical/Maximum	5 – 10	18	15	18	15	18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218	24	22	24	22	24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600	22	20	22	20	22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800	20	18	20	18	22	20	22	20	24	22	25	24	28	25	30	28
Return Loss - all ports in dB: Typical/Minimum	5 – 10	14	10	18	15	20	18	20	18	20	18	20	18	20	18	20	18
	11 – 1218	18	16	24	22	24	22	24	22	24	22	24	22	24	22	24	22
	1218 – 1600	18	16	22	20	22	20	22	20	22	20	22	20	22	20	22	20
	1601 –1800	17	15	20	18	20	18	20	18	20	18	20	18	20	18	20	18

Specifications

Parameter	Frequency MHz	ALT18408WPT	ALT18411WP	ALT18414WP	ALT18417WP	ALT18420WP	ALT18423WP	ALT18426WP	ALT18429WP
Hum Mod - in dBc: @ 10Amps	5 – 10	N/A	55	55	55	55	55	55	55
	10 – 1600		60	60	60	60	60	60	60
	1600 – 1800		55	55	55	55	55	55	55
RFI Shielding - In dBc: Minimum	5 – 1002	120	120	120	120	120	120	120	120
	1003 – 1800	100	100	100	100	100	100	100	100

Specifications

Parameter	Frequency MHz	ALT18811WPT		ALT18814WP		ALT18817WP		ALT18820WP		ALT18823WP		ALT18826WP		ALT18829WP	
		Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion Loss – In/Out in dB: Typical/Mazimum	5	N/A		3.0	3.8	3.0	3.5	1.7	2	1.0	1.2	1.0	1.2	1.0	1.2
	10			3.3	4.3	3.4	3.5	2.0	2.4	1.5	1.8	1.0	1.2	1.0	1.2
	200			3.4	4.5	3.4	3.6	2.0	2.6	1.6	1.8	1.2	1.8	1.2	1.4
	550			3.5	4.5	3.5	3.8	2.2	2.8	1.6	2.0	1.2	1.4	1.2	1.4
	750			3.7	4.7	3.6	4.0	2.3	2.8	1.7	2.2	1.3	1.5	1.3	1.5
	870			3.8	4.8	3.7	4.0	2.4	3.0	1.8	2.2	1.4	1.6	1.4	1.6
	1002			4.0	5.0	3.8	4.4	2.5	3.2	1.9	2.4	1.5	1.8	1.5	1.8
	1218			4.0	5.5	4.0	4.5	2.5	3.3	2.2	2.6	1.8	2.0	1.8	2.0
	1600			5.1	5.8	4.3	4.8	2.8	3.5	2.4	2.8	2.0	2.2	2.0	2.2
	1800			5.4	6.0	4.5	5.0	3.3	4.0	2.5	3.5	2.2	2.8	2.2	2.8
Insertion Loss – In/Tap in dB: Typical/Maximum	5	11.6	12.0	12.5	14.0	15.0	17.0	19.5	20.5	20.0	23.5	22.3	26.5	26.5	29.5
	10	11.0	11.5	14.1	14.5	16.4	17.2	19.7	20.2	22.5	24.0	26.0	27.0	28.8	31.0
	200	11.2	12.0	14.2	15.0	16.5	17.5	20.0	21.0	22.9	24.0	26.3	27.2	29.2	30.5
	550	11.3	12.5	14.3	15.2	16.7	17.5	20.2	21.0	23.2	24.0	26.3	27.2	29.2	30.5
	750	11.4	12.5	14.4	15.5	17.2	17.8	20.5	21.2	23.6	24.2	26.3	27.5	29.2	30.5
	870	11.5	12.5	14.5	15.5	17.5	18.5	20.8	21.5	23.4	24.5	26.2	27.5	29.7	31.0
	1002	11.6	12.8	14.6	15.8	17.8	18.8	21.0	21.5	23.4	24.8	25.9	27.8	29.5	31.0
	1218	11.7	12.8	14.7	15.8	18.0	18.8	21.2	21.8	23.6	24.8	25.4	27.8	29.2	31.0
	1600	12.0	12.8	15.2	15.8	18.2	18.8	21.5	21.8	24.1	24.8	26.4	27.8	29.9	32.0
	1800	12.4	13.0	15.4	16.0	18.7	19.2	21.7	22.0	24.5	25.0	27.3	28.0	30.3	32.0
Isolation - Out/Tap Port in dB: Typical/Maximum	5 – 10	N/A		18	15	18	15	20	18	25	22	30	25	32	30
	11 -1218			24	22	24	22	25	24	30	28	32	30	35	32
	1219 -1600			22	20	22	20	25	24	28	25	30	28	32	30
	1601 – 1800			22	20	22	20	24	22	25	24	28	25	30	28
Isolation - Tap Port/Tap Port in dB: Typical/Maximum	5 – 10	18	15	20	18	20	18	20	18	20	18	20	18	20	18
	11 -1218	24	22	24	22	24	22	24	22	24	22	24	22	24	22
	1219 -1600	22	20	22	20	22	20	22	20	22	20	22	20	22	20
	1601 – 1800	20	18	20	18	20	18	20	18	20	18	20	18	20	18
Return Loss - all ports in dB: Typical/Minimum	5 – 10	14	10	16	14	16	14	16	14	16	14	16	14	16	14
	11 – 1218	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1218 – 1600	18	16	18	16	18	16	18	16	18	16	18	16	18	16
	1601 –1800	17	15	17	15	17	15	17	15	17	15	17	15	17	15

Specifications

Parameter	Frequency MHz	ALT18811WPT	ALT18814WP	ALT18817WP	ALT18820WP	ALT18823WP	ALT18826WP	ALT18829WP
Hum Mod - in dBc: @ 10Amps	5 – 10	N/A	55	55	55	55	55	55
	10 – 1600		60	60	60	60	60	60
	1600 – 1800		55	55	55	55	55	55
RFI Shielding - In dBc: Minimum	5 – 1002	120	120	120	120	120	120	120
	1003 – 1800	100	100	100	100	100	100	100