

1 GHz Two-way, Four-way, and Eight-way Taps



21760

FEATURES

- Standard polymer coating for superior environmental protection
- Sealed extended F-ports on all taps for superior sealing against moisture ingress
- Tin-plated brass F-ports
- Component covers for additional protection of circuitry during maintenance
- Faceplate interchangeability for two- and four-way taps enabling subscriber expansion without costly resplicing
- Industry leading insertion loss specifications, reducing amplifier requirements
- Modular design allows changing of board and cover without removal of housing from cable
- Versatile housing design permits aerial or pedestal mounting

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SPECIFICATIONS

Frequency range
5 MHz to 1000 MHz

Response all ports
±0.5 dB

Power passing
6 A, 60 V ac, 50/ 60 Hz

Return loss all ports
15 dB min, 5 MHz to 10 MHz
19 dB min, 10 MHz to 400 MHz
15 dB min, 400 MHz to 1000 MHz

Hum modulation at 6 amps
70 dB avg. across passband

Tap-to-tap isolation
20 dB min, 5 MHz to 10 MHz
24 dB min, 10 MHz to 500 MHz
22 dB min, 500 MHz to 750 MHz
18 dB min, 750 MHz to 1000 MHz

Dimensions

2- and 4-way 3.6 in. H x 3.6 in. W x 3 in. D
91.44 mm H x 91.44 mm W x 76.2 mm D

8-way 4.25 in. H x 5.25 in. W x 3 in. D
107.95 mm H x 133.35 mm W x 76.2 mm D

Specifications and product availability are subject to change without notice.

Model Number	Part Number	Tap Loss	Color Code	Maximum Insertion Loss (dB)									Min Tap-Out Isolation
				5 MHz	30 MHz	50 MHz	400 MHz	450 MHz	550 MHz	600 MHz	750 MHz	1000 MHz	
TWO-WAY TAPS													
SAT2G-32	506643	32	RED	0.3	0.5	0.5	0.5	0.7	0.8	0.8	1.2	1.6	40
SAT2G-29	506642	29	WHITE	0.3	0.5	0.5	0.5	0.7	0.8	0.8	1.2	1.6	37
SAT2G-26	506641	26	BLUE	0.3	0.3	0.3	0.5	0.7	0.8	0.8	1.2	1.6	35
SAT2G-23	506640	23	ORANGE	0.4	0.6	0.6	0.8	0.9	1.0	1.0	1.3	1.8	34
SAT2G-20	506639	20	BLACK	0.4	0.7	0.7	0.8	1.0	1.1	1.1	1.3	1.9	31
SAT2G-17	506638	17	PURPLE	0.5	0.6	0.6	0.8	1.0	1.1	1.1	1.5	2.0	28
SAT2G-14	506637	14	YELLOW	0.9	1.1	1.1	1.3	1.4	1.6	1.6	1.8	2.4	26
SAT2G-11	506636	11	BROWN	1.7	1.7	1.7	2.0	2.0	2.2	2.2	2.6	3.1	19
SAT2G-8	506635	8.5	GRAY	3.2	3.0	3.0	3.2	3.5	3.7	3.7	4.1	4.5	18
SAT2G-4	506634	4	PINK	TERMINATING									
FOUR-WAY TAPS													
SAT4G-32	506652	32	RED	0.3	0.3	0.3	0.5	0.7	0.8	0.8	1.2	1.6	38
SAT4G-29	506651	29	WHITE	0.3	0.5	0.5	0.6	0.7	0.8	0.8	1.2	1.7	35
SAT4G-26	506650	26	BLUE	0.4	0.5	0.5	0.6	0.8	0.9	0.9	1.3	1.8	33
SAT4G-23	506649	23	ORANGE	0.5	0.7	0.7	0.9	1.0	1.1	1.1	1.4	2.0	33
SAT4G-20	506648	20	BLACK	0.6	0.7	0.7	0.9	1.1	1.2	1.2	1.5	2.0	30
SAT4G-17	506647	17	PURPLE	1.0	1.0	1.0	1.3	1.4	1.5	1.5	1.8	2.5	27
SAT4G-14	506646	14.5	YELLOW	1.6	1.7	1.7	1.9	2.0	2.2	2.2	2.6	3.5	25
SAT4G-11	506645	11.5	BROWN	3.2	3.0	3.0	3.2	3.5	3.7	3.7	4.1	4.9	22
SAT4G-8	506644	8	GRAY	TERMINATING									
EIGHT-WAY TAPS													
SAT8G-32	506660	32	RED	0.3	0.5	0.5	0.5	0.7	0.8	0.8	1.2	1.6	37
SAT8G-29	506659	29	WHITE	0.4	0.5	0.5	0.6	0.8	0.9	0.9	1.3	1.8	36
SAT8G-26	506658	26	BLUE	0.5	0.7	0.7	0.9	1.0	1.1	1.1	1.4	1.9	33
SAT8G-23	506657	23	ORANGE	0.6	0.7	0.7	0.8	1.1	1.2	1.2	1.5	2.0	30
SAT8G-20	506656	20.5	BLACK	1.0	1.0	1.0	1.3	1.4	1.5	1.5	1.8	2.7	27
SAT8G-17	506655	17.5	PURPLE	1.6	1.7	1.7	1.7	2.0	2.2	2.2	2.6	3.5	26
SAT8G-14	506654	15	YELLOW	3.2	3.0	3.0	3.2	3.5	3.7	3.7	4.5	5.3	23
SAT8G-11	506653	11	BROWN	TERMINATING									



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