

## TAP de Línea de 8 Vías (SA) 1,2GHZ -17dB

**MeshTek**



### DESCRIPCION

TAP 8 Vías de Línea  
Power Passing 12 Amper -1,2Ghz.

### MODELO

MT8T17A

### CODIGO WT

4321917

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# 1 - CARACTERÍSTICAS

## Características

- ❖ Rango de frecuencia expandido para DOCSIS 3.1
- ❖ Ancho de Banda 5 – 1218 MHz.
- ❖ Paso de corriente de 12 Amp.
- ❖ Power Passing.
- ❖ Port de sellado Epoxi
- ❖ Puertos F sellados a la humedad
- ❖ IP68
- ❖ RF Shielding > 110dB.

## 2 – Características Mecánicas

Item	Value
Water and dust ingress rating	IP68
2-way and 4-way Dimensions (H x W x D)	3.6 x 3.6 x 3.0 in.
8-way Dimensions (H x W x D)	4.25 x 5.50 x 3.0 in.
2-way tap Weight	0.30 kg, 0.66 lb
4-way tap Weight	4-way: 0.31 kg, 0.68 lb
8-way tap Weight	8-way: 0.48 kg, 1.06 lb
Bolt torque requirements	<ul style="list-style-type: none"> <li>• Center conductor seizure: 15 lb-in to 20 lb-in (1.7 Nm to 2.3 Nm)</li> <li>• Housing closure: 50 lb-in to 60 lb-in (5.6 Nm to 6.8 Nm)</li> <li>• Port plugs: 50 lb-in to 60 lb-in (5.6 Nm to 6.8 Nm)</li> </ul>
System open circuit time	0 ms
Contact resistance (maximum)	10 megaohms
Through current capacity	12A
Voltage capacity	60 / 90 VAC
RF frequency range	5 to 1250 MHz
Connector pull out	100 lb. min.
Operating temperature	-40 to 140 °F (-40 to 60 °C)
Mechanical	SCTE IPS-SP-420 - entry port interface specification
Emissions	FCC - Part 76, Subpart K
	EN 50083-2
Environmental	ASTM G 53 - weathering specification
	ASTM B 117 - salt spray specification
	ASTM D 3170 - chip resistance specification
	ASTM G 21 - fungus growth rate of zero
	EN 50083-1
Electrical Safety	UL/CSA 60950-1

### 3 – Características Eléctricas

Parameters	Frequency	8T11	8T14	8T17	8T20	8T23	8T26	8T29
Tap Loss (dB)	(MHz)	11	14.5	17.5	20	23	26	29
<b>Tap Loss Tolerance 5-750 MHz <math>\pm 1.0</math>dB 751-1218MHz <math>\pm 1.5</math>dB</b>								
<b>Insertion Loss</b>								
In-Out -dB Max	5 to 10	NA	3.6	2.0	1.3	1.1	0.8	0.8
	11 to 300	NA	3.9	1.8	1.2	1.2	0.9	0.8
	301 to 470	NA	4.5	2.1	1.4	1.3	1.0	0.9
	471 to 550	NA	4.8	2.2	1.8	1.4	1.2	1.0
	551 to 750	NA	5.0	2.7	2.2	1.6	1.4	1.2
	751 to 1002	NA	4.9	3.2	2.5	1.8	1.6	1.5
	1003 to 1218	NA	5.3	3.5	2.8	2.2	2.0	1.8
<b>Output to Tap Isolation</b>								
-dB Min	5 to 10	NA	20	25	28	30	32	34
	11 to 470	NA	25	27	30	32	34	36
	471 to 1002	NA	25	26	28	30	32	35
	1003 to 1218	NA	22	25	26	27	30	32
<b>Tap to Tap Isolation</b>								
-dB Min	5 to 10	24	24	24	24	24	24	24
	11 to 470	26	26	26	26	26	26	26
	471 to 1002	25	25	25	25	25	25	25
	1003 to 1218	22	22	22	22	22	22	22
<b>Input Output &amp; Tap Return Loss</b>								
-dB Min	5 to 10	16	16	16	16	16	16	16
	11 to 470	18	18	18	18	18	18	18
	471 to 1002	18	18	18	18	18	18	18
	1003 to 1218	16	16	16	16	16	16	16