

1 Way Outdoor Taps



Description

SHG TAP1xxT type field CATV 1 way half power passing taps, high performance of RFI, and return loss, excellent field weather-resistant performance. High reliability.

- ◆ Frequency range is 5-1000MHz .
- ◆ Low Insertion Loss,
- ◆ High RFI, High Return Loss and Isolation .
- ◆ In&out 5/8" standard ports, all F ports meet SCTE IPS-SP- 400 standard.
- ◆ Aluminum alloy house enhanced excellent performance of weather-resistant.

Electrical performance

<i>ITEM</i>		Model: TAP1xxT										
Tap Loss	(dB)	08	10	12	14	16	18	20	22	24	28	30
Tolerance	5-1000MHz	±1.5 dB										
Insertion Loss (dB)	5-50MHz	≤2.0	≤1.8	≤1.5	≤1.0	≤0.8	≤0.8	≤0.6	≤0.6	≤0.6	≤0.6	≤0.6
	50-550MHz	≤2.2	≤2.0	≤1.8	≤1.5	≤1.2	≤1.0	≤1.0	≤1.0	≤1.0	≤0.8	≤0.8
	550-750MHz	≤2.8	≤2.2	≤2.0	≤1.8	≤1.5	≤1.2	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
	750-1000MHz	≤3.0	≤2.2	≤2.0	≤1.8	≤1.5	≤1.2	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Reverse Isolation (dB)	5-50MHz	≥24	≥24	≥25	≥28	≥28	≥30	≥31	≥31	≥31	≥31	≥31
	50-550MHz	≥24	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	550-750MHz	≥22	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	750-1000MHz	≥22	≥22	≥24	≥24	≥24	≥26	≥26	≥27	≥27	≥27	≥27
Return Loss (dB)	5-550MHz	≥16										
	550-750MHz	≥17										
	750-1000MHz	≥17										
In Band Flatness (dB)		±1.0										
Current Capacity (A)		8 (6, 10, 12, 15A optional)										
Dimension		135x92x80 mm										
Weight (g)		450										

2 Way Outdoor Taps



Description

SHG TAP2xxT type field CATV 2 way half power passing taps, high performance of RFI, and return loss, excellent field weather-resistant performance. High reliability.

- ◆ Frequency range is 5-1000MHz .
- ◆ Low Insertion Loss,
- ◆ High RFI, High Return Loss and Isolation .
- ◆ In&out 5/8" standard ports, all F ports meet SCTE IPS-SP- 400 standard.
- ◆ Aluminum alloy house enhanced excellent performance of weather-resistant.

Electrical performance

ITEM		Model: TAP2xxT										
Tap Loss	(dB)	08	10	12	14	16	18	20	22	24	28	30
Tolerance	5-1000MHz	±1.5 dB										
Insertion Loss (dB)	5-50MHz	≤2.8	≤1.8	≤1.5	≤1.4	≤1.3	≤1.0	≤1.0	≤0.8	≤0.8	≤0.8	≤0.8
	50-550MHz	≤3.0	≤2.2	≤1.8	≤1.5	≤1.4	≤1.3	≤1.2	≤1.0	≤1.0	≤1.0	≤1.0
	550-750MHz	≤3.5	≤2.6	≤2.2	≤2.0	≤1.8	≤1.5	≤1.3	≤1.2	≤1.2	≤1.2	≤1.2
	750-1000MHz	≤4.0	≤3.0	≤2.6	≤2.2	≤2.0	≤1.8	≤1.5	≤1.3	≤1.3	≤1.3	≤1.3
Reverse Isolation (dB)	5-50MHz	≥24	≥24	≥25	≥28	≥28	≥30	≥31	≥31	≥31	≥31	≥31
	50-550MHz	≥24	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	550-750MHz	≥22	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	750-1000MHz	≥22	≥22	≥24	≥24	≥24	≥26	≥26	≥27	≥27	≥27	≥27
Return Loss (dB)	5-550MHz	≥16										
	550-750MHz	≥17										
	750-1000MHz	≥17										
In Band Flatness (dB)		±1.0										
Current Capacity (A)		8 (6, 10, 12, 15A optional)										
Dimension		135x92x80 mm										
Weight (g)		450										

4 Way Outdoor Taps



Description

SHG TAP4xxT type field 4 way CATV half power passing taps, high performance of RFI, and return loss, excellent field weather-resistant performance. High reliability.

- ◆ Frequency range is 5-1000MHz .
- ◆ Low Insertion Loss,
- ◆ High RFI, High Return Loss and Isolation .
- ◆ In&out 5/8" standard ports, all F ports meet SCTE IPS-SP- 400 standard.
- ◆ Aluminum alloy house enhanced excellent performance of weather-resistant.

Electrical performance

ITEM		Model: TAP4xxT										
Tap Loss	(dB)	10	12	14	16	18	20	22	24	28	30	32
Tolerance	5-1000MHz	±1.5 dB										
Insertion Loss (dB)	5-50MHz	≤3.5	≤2.5	≤1.8	≤1.5	≤1.4	≤1.3	≤1.1	≤1.1	≤1.0	≤0.8	≤0.8
	50-550MHz	≤4.0	≤3.0	≤2.5	≤1.8	≤1.5	≤1.4	≤1.3	≤1.1	≤1.1	≤1.0	≤1.0
	550-750MHz	≤4.5	≤3.2	≤3.0	≤2.5	≤2.0	≤1.8	≤1.5	≤1.3	≤1.3	≤1.2	≤1.2
	750-1000MHz	≤4.8	≤3.8	≤3.2	≤3.0	≤2.5	≤1.8	≤1.5	≤1.4	≤1.3	≤1.3	≤1.3
Reverse Isolation (dB)	5-50MHz	≥24	≥24	≥25	≥28	≥28	≥30	≥31	≥31	≥31	≥31	≥31
	50-550MHz	≥24	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	550-750MHz	≥22	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	750-1000MHz	≥22	≥22	≥24	≥24	≥24	≥26	≥26	≥27	≥27	≥27	≥27
Return Loss (dB)	5-550MHz	≥16										
	550-750MHz	≥17										
	750-1000MHz	≥17										
In Band Flatness (dB)		±1.0										
Current Capacity (A)		8 (6, 10, 12, 15A optional)										
Dimension		135x92x80 mm										
Weight (g)		470										

8 Way Outdoor Taps



Description

SHG TAP8xxT type field 8 way CATV half power passing taps, high performance of RFI, and return loss, excellent field weather-resistant performance. High reliability.

- ◆ Frequency range is 5-1000MHz .
- ◆ Low Insertion Loss,
- ◆ High RFI, High Return Loss and Isolation .
- ◆ In&out 5/8" standard ports, all F ports meet SCTE IPS-SP- 400 standard.
- ◆ Aluminum alloy house enhanced excellent performance of weather-resistant.

Electrical performance

ITEM		Model: TAP8xxT										
Tap Loss	(dB)	10	12	14	16	18	20	22	24	28	30	32
Tolerance	5-1000MHz	±1.5 dB										
Insertion Loss (dB)	5-50MHz	≤4.5	≤4.0	≤3.8	≤3.2	≤2.8	≤2.2	≤1.8	≤1.4	≤1.3	≤1.1	≤1.0
	50-550MHz	≤4.8	≤4.5	≤3.8	≤3.3	≤3.0	≤2.2	≤2.0	≤1.8	≤1.4	≤1.2	≤1.1
	550-750MHz	≤5.1	≤4.8	≤4.5	≤3.8	≤3.3	≤2.8	≤2.2	≤2.0	≤1.5	≤1.3	≤1.2
	750-1000MHz	≤5.5	≤5.1	≤4.8	≤4.5	≤3.8	≤3.3	≤2.8	≤2.5	≤2.0	≤1.8	≤1.6
Reverse Isolation (dB)	5-50MHz	≥24	≥24	≥25	≥28	≥28	≥30	≥31	≥31	≥31	≥31	≥31
	50-550MHz	≥24	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	550-750MHz	≥22	≥24	≥25	≥25	≥28	≥28	≥30	≥30	≥30	≥30	≥30
	750-1000MHz	≥22	≥22	≥24	≥24	≥24	≥26	≥26	≥27	≥27	≥27	≥27
Return Loss (dB)	5-550MHz	≥16										
	550-750MHz	≥17										
	750-1000MHz	≥17										
In Band Flatness (dB)		±1.0										
Current Capacity (A)		8 (6, 10, 12, 15A optional)										
Dimension		180x114x82 mm										
Weight (g)		580										