

KST Ltd

PRODUCTS: OUTDOOR HALF POWER PASS TAP TTAP2xx

Descriptions:

2-way outdoor trunk half power passing tap, frequency range 5-1000Mhz.
with high performance of anti-causticity, anti-RF interference, anti-leakage.

Features:

Low insertion Loss;
High performance of isolation and anti-RF interference;
Aluminum housing, with high performance of water-proof, corrosion and weather resistance.

Electrical Performance:

| Item | Frequency Range | | | | | | | | | |
|----------------------------|------------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| Tap Loss | 5-750MHz | 8±1.5 | 10±1.5 | 12±1.5 | 14±1.5 | 16±1.5 | 18±1.5 | 20±1.5 | 22±1.5 | 24±1.5 |
| | 750-1000MHz | 8±1.7 | 10±1.5 | 12±1.5 | 14±1.5 | 16±1.5 | 18±1.5 | 20±1.5 | 22±1.5 | 24±1.5 |
| Insertion Loss IN - OUT | 5-550MHz | 3,8 | 3,0 | 2,5 | 2,0 | 1,8 | 1,6 | 1,2 | 1,0 | 1,0 |
| | 550-750MHz | 4,2 | 3,7 | 2,7 | 2,5 | 1,8 | 1,8 | 1,5 | 1,2 | 1,2 |
| | 750-1000MHz | 4,5 | 3,7 | 2,9 | 2,8 | 2,5 | 2,5 | 2,0 | 1,8 | 1,5 |
| Isolation TAP - OUT | 5-550MHz | 24 | 24 | 24 | 25 | 30 | 30 | 30 | 30 | 30 |
| | 550-750MHz | 23 | 23 | 23 | 25 | 28 | 28 | 28 | 28 | 28 |
| | 750-1000MHz | 22 | 22 | 22 | 22 | 25 | 25 | 25 | 25 | 25 |
| Isolation TAP - TAP | 5-550MHz | 25 | 25 | 28 | 28 | 30 | 30 | 30 | 30 | 30 |
| | 550-750MHz | 25 | 25 | 25 | 28 | 28 | 28 | 28 | 28 | 28 |
| | 750-1000MHz | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 |
| Return Loss | 5-550MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 550-750MHz | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | 750-1000MHz | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| In band flatness | ±1.0 | | | | | | | | | |
| Dimension (mm) | | | | | | | | | | |
| Weight (g) | 500 | | | | | | | | | |
| Impedance (5-1000Mhz) | 75 Ω | | | | | | | | | |
| Connectors | 5/8" -24 UNEF female connector | | | | | | | | | |
| Power Passing | All ports must pass 6 AMPs current | | | | | | | | | |
| Shield Decay (5-1000MHz) | ≥110dB | | | | | | | | | |
| Remarks | All ports DC Blocked | | | | | | | | | |