

CATV/SAT Taps

N610X Series CATV Taps(5~1000MHz)

FEATURES

- Zinc die cast housing, nickel plated.
- All ports are F-(f) connectors, 75 ohm.
- Grounding terminal provided.
- Light weight and compact size.
- Two pieces of screws attached.
- Screening factor:
 - 30-300MHz ≥85dB
 - 300-470MHz ≥80dB
 - 470-1000MHz ≥75dB



N6101



N6102



N6103

**4-way and 6-way products are also available.*

SPECIFICATIONS N6101

Item	Frequency	6dB	8dB	10dB	12dB	14dB	16dB	18dB	20dB	22dB	24dB	26dB	28dB	30dB
Insertion Loss IN-OUT (max. dB)	5-470MHz	2.5	2.0	1.8	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	470-750MHz	3.0	2.0	2.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	750-1000MHz	3.0	2.4	2.4	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Tap Loss IN-TAP (dB)	5-470MHz	6±1.0	8±1.0	10±1.0	12±1.0	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.0	30±1.0
	470-750MHz	6±1.0	8±1.0	10±1.0	12±1.0	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.0	30±1.0
	750-1000MHz	6±1.0	8±1.0	10±1.0	12±1.0	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.0	30±1.0
Reverse Isolation OUT-TAP (min. dB)	5-470MHz	25	30	30	30	32	35	35	35	38	40	42	42	42
	470-750MHz	24	25	25	28	28	30	32	32	35	35	38	38	38
	750-1000MHz	22	24	25	26	26	26	28	30	32	35	36	36	37
Return Loss IN/OUT/TAP (min. dB)	5-470MHz	18	18	18	18	18	18	18	18	18	18	18	18	18
	470-750MHz	20	20	20	20	20	20	20	20	20	20	20	20	20
	750-1000MHz	18	18	18	18	18	18	18	18	18	18	18	18	18

N610X Series CATV Taps(5~1000MHz)

SPECIFICATIONS		N6102											
Item	Frequency	8dB	10dB	12dB	14dB	16dB	18dB	20dB	22dB	24dB	26dB	28dB	30dB
Insertion Loss IN-OUT (max. dB)	5-40MHz	3.5	2.8	1.8	1.8	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8
	40-750MHz	3.8	3.0	2.2	2.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0
	750-1000MHz	4.2	3.2	2.2	2.2	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0
Tap Loss IN-TAP (dB)	5-470MHz	8±1.2	10±1.2	12±1.2	14±1.2	16±1.2	18±1.2	20±1.2	22±1.2	24±1.2	26±1.2	28±1.2	30±1.2
	470-750MHz	8±1.5	10±1.2	12±1.2	14±1.2	16±1.2	18±1.2	20±1.2	22±1.2	24±1.2	26±1.2	28±1.2	30±1.2
	750-1000MHz	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	26±1.5	28±1.5	30±1.5
Mutual Isolation TAP-TAP (min. dB)	5-40MHz	28	30	30	30	30	30	30	30	30	30	30	30
	40-750MHz	28	25	25	25	25	25	25	25	25	25	25	25
	750-1000MHz	25	25	25	25	25	25	25	25	25	25	25	25
Reverse Isolation OUT-TAP (min. dB)	5-40MHz	28	25	28	28	28	28	35	35	40	40	42	42
	40-750MHz	26	25	25	25	25	26	30	33	35	35	38	38
	750-1000MHz	25	24	25	25	25	26	27	30	30	30	35	35
Return Loss IN/OUT/TAP (min. dB)	5-40MHz	18	18	18	18	18	18	18	18	18	18	18	18
	40-860MHz	20	20	20	20	20	20	20	20	20	20	20	20
	860-1000MHz	18	18	18	18	18	18	18	18	18	18	18	18

SPECIFICATIONS		N6103										
Item	Frequency	10dB	12dB	14dB	16dB	18dB	20dB	22dB	24dB	26dB	28dB	30dB
Insertion Loss IN-OUT (max. dB)	5-470MHz	2.8	2.5	2.2	1.8	1.6	1.2	1.2	1.0	1.0	1.0	1.0
	470-750MHz	3.5	3.0	2.5	2.0	2.0	1.2	1.2	1.0	1.0	1.0	1.0
	750-1000MHz	4.0	3.5	3.0	2.5	2.2	1.5	1.5	1.2	1.2	1.2	1.2
Tap Loss IN-TAP (dB)	5-470MHz	10±1.0	12±1.0	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.0	30±1.0
	470-750MHz	10±1.2	12±1.0	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.2	30±1.2
	750-1000MHz	10±1.5	12±1.5	14±1.0	16±1.0	18±1.0	20±1.0	22±1.0	24±1.0	26±1.0	28±1.2	30±1.2
Mutual Isolation TAP-TAP (min. dB)	5-470MHz	28	28	28	28	28	28	28	28	28	28	28
	470-750MHz	26	26	26	26	26	26	26	26	26	26	26
	750-1000MHz	25	26	26	26	26	26	26	26	26	26	26
Reverse Isolation OUT-TAP (min. dB)	5-470MHz	28	28	30	32	35	35	38	40	42	42	42
	470-750MHz	26	26	28	30	32	32	35	35	38	38	38
	750-1000MHz	25	25	26	28	30	30	32	35	36	36	37
Return Loss IN/OUT/TAP (min. dB)	5-470MHz	20	18	20	20	20	20	20	20	20	20	20
	470-750MHz	20	20	20	20	20	20	20	20	20	20	20
	750-1000MHz	18	18	18	18	18	18	18	18	18	18	18