

Outdoor Passives

DMT & TLS Series



DMT-1000-2



DMT-1000-8



DMT-1000-4



TLS Series

○ Features & Benefits

- 1 GHz Passive
- DMT-2,4 and 8 Port Models have Plated Brass F Connectors
- 120 dB RFI Shielding
- Diecast Housing

○ Specifications

DMT-1000-2

Tap Value

Insertion Loss (dB)

	4	8	11	14	17	20	23	26	29	32	35
@5-10 MHz:	* 3.6	1.8	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8
@10-450 MHz:	* 3.8	1.8	1.5	1.4	1.0	1.0	1.0	0.8	0.8	0.8	0.8
@450-550 MHz:	* 4.2	2.2	1.7	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2
@550-750 MHz:	* 4.5	2.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4
@750-1000 MHz:	* 4.8	3.8	2.4	2.2	1.7	1.7	1.5	1.5	1.5	1.5	1.5

Out to Tap Isolation (dB)

	4	8	11	14	17	20	23	26	29	32	35
@5-10 MHz:	- 21	21	22	25	26	29	32	32	32	32	33
@10-450 MHz:	- 26	26	26	31	33	35	36	40	42	46	46
@450-550 MHz:	- 23	25	25	30	33	35	38	40	42	45	45
@550-750 MHz:	- 22	23	25	28	30	32	36	37	40	42	42
@750-1000 MHz:	- 22	23	25	28	30	32	36	37	40	42	42

DMT-1000-8

Tap Value

Insertion Loss (dB)

	11	14	17	20	23	26	29	32	35
@5-10 MHz:	* 3.6	1.8	1.4	1.0	1.0	1.0	1.0	1.0	1.0
@10-450 MHz:	* 4.2	2.2	1.6	1.1	1.1	1.1	1.1	1.1	1.1
@450-550 MHz:	* 4.5	2.5	2.0	1.5	1.2	1.2	1.2	1.2	1.2
@550-750 MHz:	* 4.6	3.0	2.2	1.8	1.3	1.3	1.3	1.3	1.3
@750-1000 MHz:	* 4.9	3.2	2.6	2.2	1.5	1.5	1.5	1.5	1.5

Out to Tap Isolation (dB)

	11	14	17	20	23	26	29	32	35
@5-10 MHz:	- 23	24	27	28	30	32	34	36	36
@10-450 MHz:	- 24	25	28	30	32	34	35	38	38
@450-550 MHz:	- 27	27	30	34	38	40	42	42	42
@550-750 MHz:	- 25	27	30	33	33	35	38	40	40
@750-1000 MHz:	- 25	27	30	33	33	35	38	40	40

DMT-1000-4

Tap Value

Insertion Loss (dB)

	8	11	14	17	20	23	26	29	32	35
@5-10 MHz:	* 3.2	1.8	1.3	1.0	0.8	0.8	0.8	0.8	0.8	0.8
@10-450 MHz:	* 3.5	1.8	1.4	1.2	0.8	0.8	0.8	0.8	0.8	0.8
@450-550 MHz:	* 4.0	2.3	1.6	1.4	1.2	1.0	1.0	1.0	1.0	1.0
@550-750 MHz:	* 4.4	3.0	1.8	1.6	1.4	1.2	1.2	1.2	1.2	1.2
@750-1000 MHz:	* 4.8	3.7	2.2	2.0	1.8	1.5	1.5	1.5	1.5	1.5

Out to Tap Isolation (dB)

	8	11	14	17	20	23	26	29	32	35
@5-10 MHz:	- 22	22	25	30	30	30	32	32	32	33
@10-450 MHz:	- 26	27	30	36	36	38	40	42	44	44
@450-550 MHz:	- 24	28	30	35	35	35	40	42	42	42
@550-750 MHz:	- 23	24	27	32	32	34	35	38	40	40
@750-1000 MHz:	- 23	24	27	32	32	34	35	38	40	40

○ Common Specifications for DMT

Tap Loss Tolerance (dB)	Impedance - All Ports:	75 Ohm
@5 - 10 MHz:	Return Loss (dB)	
@10 - 550 MHz:	@5 - 10 MHz:	16
@550 - 1000 MHz:	@10 - 400 MHz:	26
Tap to Tap Isolation (dB)	@400 - 550 MHz:	18
@5 - 10 MHz:	@550 - 870 MHz:	16
@10 - 550 MHz:	@870 - 1000 MHz:	17
@550 - 600 MHz:	Power Passing (AC/DC)	
@600 - 1000 MHz:	DMT	6A

* Terminated

○ Ordering Information (Specify Tap Value)

Model	Stock No.	Description
DMT-1000-2	3852	Outdoor Directional Tap, 2 Output 5-1000 MHz, Values: 4, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35 dB
DMT-1000-4	3854	Outdoor Directional Tap, 4 Output 5-1000 MHz, Values: 8, 11, 14, 17, 20, 23, 26, 29, 32, 35 dB
DMT-1000-8	3858	Outdoor Directional Tap, 8 Output 5-1000 MHz, Values: 11, 14, 17, 20, 23, 26, 29, 32, 35 dB