

1,2 GHz 4-way outdoor taps



52722080
MTRE-124-8



52724260
MTRE-124-26



- Watertight aluminium alloy housing with PU coating (IP65), when connecting waterproof and dustproof F connectors to the F ports (e. g. Cabelcon Hardline F connectors) IP 68
- Waterproof condition 15 PSI
- NiSn65 alloy coated watersealed F-female connectors
- AC/RF bypass in the loop (IN – OUT) in case of a removed faceplate max. 12 A, 65 VAC

- High screening factor Class A +10 dB
- Terminals: Tap F-female; IN/OUT 5/8"
- Hum modulation distance at 10 A with 70 dB average
- Surge protection 1 kV 1,2/50 µs
- Operating temperature range: -40°C ... +60°C
- Mounting angle not included (Order No. 52999000)
- SA type on request

Parameter	Frequency [MHz]	MTRE-124-8		MTRE-124-11		MTRE-124-14		MTRE-124-17		MTRE-124-20		
Through loss [dB]	5 – 65	–	–	3,6	–	1,6	–	1,1	–	1,1	–	
	65 – 300	–	–	4,0	–	1,8	–	1,3	–	1,2	–	
	300 – 550	–	–	4,7	–	2,5	–	1,9	–	1,7	–	
	550 – 750	–	–	5,0	–	2,7	–	2,1	–	1,8	–	
	750 – 862	–	–	5,0	–	3,0	–	2,3	–	2,0	–	
	862 – 1.006	–	–	5,1	–	3,1	–	2,4	–	2,1	–	
Tap loss [dB max.]	1.006 – 1.218	–	–	5,3	–	3,3	–	2,6	–	1,3	–	
	5 – 862	9	–	12	–	15	–	18	–	21	–	
Return loss [dB min.]	862 – 1.218	9,5	–	12,5	–	15,5	–	18,5	–	21,5	–	
	5 – 10	16	–	15	–	15	–	15	–	16	–	
	10 – 47	18	–	18	–	18	–	18	–	18	–	
	47 – 300	18*	–	18*	–	18*	–	18*	–	18*	–	
	300 – 1.006	15	–	15	–	15	–	15	–	15	–	
	1.006 – 1.218	14	–	14	–	14	–	14	–	14	–	
Isolation [dB min.]	5 – 10	–	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap
	10 – 65	–	20	20	20	20	21	20	22	20	27	20
	65 – 862	–	26	29	26	26	30,5	26	32	26	33,5	26
	862 – 1.218	–	24	27	24	24	28,5	24	30	24	31,5	24
Dimensions [mm]	95 x 98,5 x 76											
Order No.	52724080		52724110		52724140		52724170		52724200			

Parameter	Frequency [MHz]	MTRE-124-23		MTRE-124-26		MTRE-124-29		MTRE-124-32		
Through loss [dB]	5 – 65	0,8	–	0,8	–	0,7	–	0,7	–	
	65 – 300	0,9	–	0,9	–	0,9	–	0,8	–	
	300 – 550	1,3	–	1,3	–	1,3	–	1,2	–	
	550 – 750	1,5	–	1,5	–	1,4	–	1,3	–	
	750 – 862	1,8	–	1,7	–	1,7	–	1,4	–	
	862 – 1.006	1,9	–	1,8	–	1,8	–	1,5	–	
Tap loss [dB max.]	1.006 – 1.218	2,1	–	2,0	–	2,0	–	1,7	–	
	5 – 862	24	–	27	–	30	–	33	–	
Return loss [dB min.]	862 – 1.218	24,5	–	27,5	–	30,5	–	33,5	–	
	5 – 10	16	–	16	–	16	–	16	–	
	10 – 47	18	–	18	–	18	–	18	–	
	47 – 300	18*	–	18*	–	18*	–	18*	–	
	300 – 1.006	15	–	15	–	15	–	15	–	
	1.006 – 1.218	14	–	14	–	14	–	14	–	
Isolation [dB min.]	5 – 10	–	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap
	10 – 65	–	30	20	34	20	35	20	36	20
	65 – 862	–	35	26	36,5	26	38	26	39,5	26
	862 – 1.218	–	33	24	34,5	24	36	24	37,5	24
Dimensions [mm]	95 x 98,5 x 76									
Order No.	52724230		52724260		52724290		52724320			

* At 47 MHz -1,5 dB/Oct