

# 1,2 GHz 2-way outdoor taps



52722040  
MTRE-122-4



52722320  
MTRE-122-32

KLASSE  
**A**  
CLASS + 10 dB

- 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-122-4		MTRE-122-8		MTRE-122-11		MTRE-122-14		MTRE-122-17	
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	–
	1.006 – 1.218	–	–	5,3	–	3,3	–	2,6	–	2,3	–
Tap loss [dB max.]	5 – 862	5,0	–	9,0	–	12,0	–	15,0	–	18	–
	862 – 1.218	5,5	–	9,5	–	12,5	–	15,5	–	18,5	–
Return loss [dB min.]	5 – 10	16	–	16	–	15	–	16	–	16	–
	10 – 47	18	–	18	–	18	–	18	–	18	–
	47 – 300	18*	–	18*	–	18*	–	18*	–	18*	–
	300 – 1.006	16	–	16	–	16	–	16	–	16	–
	1.006 – 1.218	14	–	14	–	14	–	14	–	14	–
Isolation [dB min.]	5 – 10	–	Out-Tap 20	18	Tap-Tap 20	22	20	24	20	27	22
	10 – 65	–	26	27,5	26	29	26	30,5	26	32	26
	65 – 862	–	24	25,5	24	27	24	28,5	24	30	24
	862 – 1.218	–	22	23,5	22	25	22	26,5	22	28	22
Dimensions [mm]	95 x 98,5 x 76										
Order No.	52722040		52722080		52722110		52722140		52722170		

Parameter	Frequency [MHz]	MTRE-122-20		MTRE-122-23		MTRE-122-26		MTRE-122-29		MTRE-122-32	
Through loss [dB]	5 – 65	0,8	–	0,8	–	0,7	–	0,7	–	0,7	–
	65 – 300	0,9	–	0,9	–	0,9	–	0,8	–	0,8	–
	300 – 550	1,3	–	1,3	–	1,3	–	1,2	–	1,2	–
	550 – 750	1,5	–	1,5	–	1,4	–	1,3	–	1,3	–
	750 – 862	1,8	–	1,7	–	1,7	–	1,4	–	1,4	–
	862 – 1.006	1,9	–	1,8	–	1,8	–	1,5	–	1,5	–
1.006 – 1.218	2,1	–	2,0	–	2,0	–	1,7	–	1,7	–	
Tap loss [dB max.]	5 – 862	21	–	24	–	27	–	30	–	33	–
	862 – 1.218	21,5	–	24,5	–	27,5	–	30,5	–	33,5	–
Return loss [dB min.]	5 – 10	16	–	16	–	16	–	16	–	16	–
	10 – 47	18	–	18	–	18	–	18	–	18	–
	47 – 300	18*	–	18*	–	18*	–	18*	–	18*	–
	300 – 1.006	16	–	16	–	16	–	16	–	16	–
	1.006 – 1.218	14	–	14	–	14	–	14	–	14	–
Isolation [dB min.]	5 – 10	30	Out-Tap 25	30	Tap-Tap 25	34	25	38	25	38	25
	10 – 65	33,5	26	35	26	36,5	26	38	26	38	26
	65 – 862	31,5	24	33	24	34,5	24	36	24	36	24
	862 – 1.218	29,5	22	31	22	32,5	22	34	22	34	22
Dimensions [mm]	95 x 98,5 x 76										
Order No.	52722200		52722230		52722260		52722290		52722320		

\* At 47 MHz -1,5 dB/Out