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 2 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.]		Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap
	5 – 10	–	20	18	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.]		Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap	Out-Tap	Tap-Tap
	5 – 10	30	25	30	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/Oct

Subject to technical changes. Version 2.0.1

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