1,2 GHz power inserter, splitters and couplers



52703000
SPLRE-03



52710800
TPLRE-1-8

KLASSE A CLASS + 10 dB

- Watertight aluminium alloy housing with PU coating (IP68)
- Waterproof condition 15 PSI
- AC current path with jumpers can be switched to all outputs
- High screening factor Class A +10 dB
- All connections are 5/8"-threads
- Power rating max. 15 A, 90 VAC
- 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)

Parameter	Frequency [MHz]	Power inserter PIRE-01 IN – OUT	2-way splitter SPLRE-02 IN – OUT 1; 2	3-way splitter SPLRE-03 IN – OUT 1	SPLRE-03 IN – OUT 2; 3	SPLRE-03E IN – OUT 1; 2; 3
Through loss [dB]	5 – 10	0,7	4,1	4,1	7,4	7,0
	10 – 65	0,7	4,1	4,1	7,4	6,5
	65 – 300	0,7	4,3	4,3	7,5	6,5
	300 – 550	0,7	4,5	4,5	7,6	7,0
	550 – 750	1,0	4,6	4,6	7,7	7,3
	750 – 862	1,3	4,7	4,7	7,8	7,5
	862 – 1.006	1,3	4,8	4,8	8,0	8,5
	1.006 – 1.218	1,4	5,5	6,0	9,5	9,0
		Power max. 20 A, 90 VAC				
Return loss [dB min.]	5 – 10	17	16	16		16
	10 – 47	18	18	18		16
	47 – 300	18*	18*	18*		18*
	300 – 1.218	16	16	16		16
Isolation [dB min.]	5 – 10	75	20	21		18
	10 – 550	60	25	22		22
	550 – 750	60	25	21		22
	750 – 862	50	22	20		21
	862 – 1.006	50	20	20		20
	1.006 – 1.218	45	18	20		20
Dimensions [mm]		138 x 124 x 72				
Order No.		**52701000**	**52702000**	**52703000**		**52703500**

Parameter	Frequency [MHz]	1-way directional coupler TPLRE-1-8	TPLRE-1-12	TPLRE-1-16
Through loss [dB]	5 – 10	1,8	1,2	1,3
	10 – 65	1,6	1,2	1,3
	65 – 550	2,0	1,5	1,3
	550 – 750	2,5	1,5	1,3
	750 – 862	2,9	1,8	1,6
	862 – 1.006	3,1	2,2	1,6
	1.006 – 1.218	3,3	2,7	2,2
Tap loss [dB max.]	5 – 1.006	9,5	13,0	17,0
	1.006 – 1.218	10,2	13,5	17,5
Return loss [dB min.]	5 – 10	16	16	16
	10 – 47	16	18	18
	47 – 300	18*	18*	18*
	300 – 1.218	16	16	16
Directivity [dB min.]	5 – 10	18	19	21
	10 – 65	28	23	25
	65 – 300	28	25	30
	300 – 550	25	25	25
	550 – 750	21	20	20
	750 – 1.218	18	18	20
Dimensions [mm]		138 x 124 x 72		
Order No.		**52710800**	**52711200**	**52711600**

* At 47 MHz -1,5 dB/Oct

Subject to technical changes. Version 2.0.1

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