

Coaxial Adapters

- ◆ *Precision*
- ◆ *Wideband*
- ◆ *Reliable*



DESCRIPTION

The adapters are designed to connect a general-purpose and special equipment.

SPECIFICATIONS

Model	Connector type	Operating frequency, GHz	VSWR	Dimensions, mm	Weight, not more than, g
434.542.025 434.542.026	N(f)-N(f) N(m)-N(m)	0-18	1.12(0-12.4 GHz) 1.20(12.4-18 GHz)	∅ 16x41.5 ∅ 21.5x41.5	30 42
434.542.032 434.542.030 434.542.031 434.542.029	N(f)-SMA(f) N(m)-SMA(m) N(f)-SMA(m) N(m)-SMA(f)	0-18	1.1(0-7 GHz) 1.12(7-18 GHz) 1.1(0-7 GHz) 1.12(7-18 GHz)	∅ 16x41.5 ∅ 21.5x41.5 ∅ 16x42.5 ∅ 21.5x41.5	30 42 32 40
434.542.021 434.542.023 434.542.022 434.542.024	N(f)-2.4(f) N(m)-2.4(m) N(f)-2.4(m) N(m)-2.4(f)	0-18	1.15	∅ 16x45.15 ∅ 21.5x43.5 ∅ 16x44.6 ∅ 21.5x44	37 50 35 48
434.542.028 434.542.027 434.542.020 434.542.018 434.542.019 434.542.017	SMA(f)-SMA(f) SMA(m)-SMA(m) SMA(f)-2.4(f) SMA(m)-2.4(m) SMA(f)-2.4(m) SMA(m)-2.4(f)	0-26.5	1.17	8x9.2x24.3 ∅ 10x28 ∅ 9x23.4 ∅ 10x31 ∅ 9.5x30 ∅ 10x24	6 11 8 14 12 10
434.542.016 434.542.015	2.4(f)-2.4(f) 2.4(m)-2.4(m)	0-50	1.17(0-40 GHz) 1.23(40-50 GHz)	∅ 9x24.5 0 ∅ 9.5x31.5	9 14
434.521.057 434.521.058 434.521.050 434.521.052 434.521.051	SMB(m)-SMB(m) SMB(f)-SMA(f) SMB(m)-SMA(m) SMB(m)-SMA(f) SMB(f)-SMA(m)	0-4	1-3	∅ 10x30	—

COAXIAL ADAPTERS WITH CONNECTORS (in accordance with ГOCT 13317-89)

Model	Connector type (in accordance with ГOCT 13317-89)	Frequency range, GHz	Pair adaptors VSWR	Guaranted number of connections	Dimensions, mm	Weight, g	Note
2.236.487	IX B-III B	0-18	1.15 (up to 7 GHz) 1.25 (up to 7 GHz)	5000	∅ 21.5x41.5	42	
2.236.486	IX P-III P			5000	∅ 16x41.5	30	
2.236.485	IX P-III B			5000	∅ 21.5x40.5	40	
2.236.484	IX B-III P			5000	∅ 16x42.5	32	
2.236.482	IX B-IX B	0-26	1.2 (up to 12.05 GHz)	5000	∅ 10x28	11	
2.236.481	IX P-IX P	0-26	1.25 (up to 18 GHz)	5000	9.2x8x24.3	6	
2.236.483	IX B-IX B	0-18	1.25 (up to 18 GHz) 1.2 (up to 12.05 GHz)	500	18.6X8X17	8	Angular
2.236.479	IX P-IX P			500	15X7X15	5	-,,-
2.236.478	IX B-IX P			500	16X8X16	7	-,,-
2.236.480	IX B-III P	0-18	1.15 (up to 7 GHz) 1.25 (up to 18 GHz)	500(IX)	22x22x42.5	45	with thread hole flange
2.236.480-01	IX B-III P			10000(III)	22x22x42.5	45	with clear holes flange
434.521.057	SMB(B)-SMB(B)	0-4	1.3		∅ 10x30		
434.521.058	SMB(P)-IX(P)						
434.521.050	SMB(B)-IX(B)						
434.521.052	SMB(B)-IX(P)						
434.521.051	SMP(P)-IX(B)						

Note: SMB connector of 3 mm external diameter spring contact on an external conductor.
for a coax channel. The connectors have a latching

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Model	Connector type (in accordance with ГOCT 13317-89)	Frequency range, GHz	Pair adaptors VSWR	Guaranted number of connections	Dimensions, mm	Weight, g
2.236.464	III B-II B	0-4	1.1	5000	∅ 30x58	146
2.236.466	III P-II P			5000	∅ 27x65	155
2.236.467	III B-II P			5000	∅ 27x58	137
2.236.465	III P-II B			5000	∅ 30x65	166
2.236.461	III B-III B	0-18	1.15 (up to 6 GHz) 1.25 (up to 12.05 GHz) 1.4 (up to 18 GHz)	5000	∅ 21.5x38.5	64
2.236.462	III P-III P			5000	∅ 16x34	45
2.236.468	III B-IV B	0-3	1.25	5000	∅ 24x61.5	117
2.236.460	III P-IV P			5000	∅ 21x57.5	83
2.236.469	III B-IV P			5000	∅ 21.5x60.5	91
2.236.473	III P-IV B			5000	∅ 24x58	110
2.236.474	III B-V B	0-10	1.25 (up to 6 GHz) 1.5 (up to 10 GHz)	500	∅ 21.5x43	53
2.236.463	III P-V P			500	∅ 16x43	45
2.236.472	III B-V P			500	∅ 21.5x41.5	50
2.236.470	III P-V B			500	∅ 16x45	50

Note: II type – 16/7 mm channel,
III type – 7/3 mm channel

IV type – connector with thread and taper fluoro-plastic washer
V type – BNC connector