

Coaxial-to-Waveguide Adapters

- ◆ *Frequency range up to 50 GHz*
- ◆ *Small size*



DESCRIPTION

The Coaxial-to-Waveguide Adapters transform coaxial transmission lines to waveguide.

OPERATING CONDITIONS

Operating temperature range: -50...+70 °C
Relative humidity: 98%

SPECIFICATIONS

Model	Frequency range, GHz	Waveguide	Flange type	Coaxial connector type	VSWR
2007 2010 2008 2009	18-26.5	WR-42	UG-425/U round UG-595/U square UG-425/U round UG-595/U square	2.4(m) 2.4(m) 2.4(f) 2.4(f)	1.25
2011 2012 2013 2014	18-26.5	WR-42	UG-425/U round UG-425/U round UG-595/U square UG-595/U square	SMA(f) SMA(m) SMA(f) SMA(m)	1.25
2003 2004 2005 2006	26.5-40.0	WR-28	UG-381/U round UG-381/U round UG-599/U square UG-599/U square	2.4(f) 2.4(m) 2.4(f) 2.4(m)	1.3
2001 2002	33-50	WR-22	UG-383/U round	2.4(f) 2.4(m)	1.45

ADAPTERS, CABLES

Model	Waveguide, mm	Coaxial connector (ГОСТ 13317-89)	Frequency range, GHz	VSWR	Dimensions, mm	Weight, g
434.543.017	72x34	III P	2.59-3.94	1.2	130x95x66	1200
434.543.016	58x25	III P	3.20-4.80	1.2	96x75x45	500
434.543.020	48x24	III P	3.94-5.64	1.2	40x86x75	370
434.543.018	40x20	III P	4.80-6.85	1.2	40x78x71	300
434.543.019	35x15	III P	5.64-8.15	1.2	35x54x66	200
434.543.015	28.5x12.6	IX P	6.85-9.93	1.25	35x50x62	170
2.236.178	28.5x12.6	III P	6.85-9.93	1.25	35x50x62	170
2.236.491	23x10	III P	8.15-12.05	1.2	35x42x58	150
2.236.491-01	23x10	III B	8.15-12.05	1.2	35x42x58	150
2.236.492	23x10	IX P	8.15-12.05	1.2	35x42x58	150
2.236.492-01	23x10	IX B	8.15-12.05	1.2	36x42x58	150
2.236.493	16x8	IX P	12.05-17.44	1.25	27x35x39	70
2.236.493-01	16x8	IX B	12.05-17.44	1.25	27x35x39	70
2.236.494	16x8	III P	12.05-17.44	1.2	27x35x39	80
2.236.494-01	16x8	III B	12.05-17.44	1.2	27x35x39	80
2.236.495	11x5.5	IX P	17.44-25.95	1.25	30x30x30	60
2.236.495-01	11x5.5	IX B	17.44-25.95	1.25	30x30x30	65
2.236.430	7.2x3.4	IX P	25.95-37.5	1.35	24x19x32	40
2058	11x5.5	IP	17.44-25.96	1.25	30x30x30	60
2059	11x5.5	IB	17.44-25.96	1.25	30x30x30	65
2056	7.2x3.4	IP	25.95-37.5	1.3	24x19x32	40
2057	7.2x3.4	IB	25.95-37.5	1.3	24x19x37	45
2054	5.2x2.6	IP	37.5-53.57	1.45 to 50 GHz	20x30x40	45
				1.6 to 53.57GHz		
2055	5.2x2.6	IB	37.5-53.57	1.45 to 50 GHz	20x30x37	45
				1.6 to 53.57GHz		