

Designation: 20 dB directional coupler, 4-12.4GHz, 30W, SMAf

Caractéristiques électriques <i>Electrical specifications</i>	Conditions de mesures <i>Measurement conditions</i>	Spécifications <i>Specifications</i>			
		Min.	Typ.	Max.	Unités <i>Units</i>
Frequency bandwidth	-20 / +55°C	4		12.4	GHz
Directivity	4-12.4 GHz	17	17		dB
Coupling value	4-12.4 GHz		20	20±1	dB
Coupling flatness	4-12.4 GHz			±0.5	dB
Insertion Loss (*)	4-12.4 GHz		0.2	0.55	dB
VSWR	4-12.4 GHz main & coupled line		1.30 :1	1.30 :1	-
Power Handling	CW			30	W
Power Handling	Peak			250	W
Caractéristiques mécaniques <i>Mechanical features</i>					
Conditions de mesures <i>Measurement conditions</i>	Spécifications <i>Specifications</i>				
Longueur x largeur x Hauteur <i>Length x width x height</i>	L x W x H Tolerance ±0.1mm	31x 15.2 x 9.7 Outline number CD-15			mm
Connectique <i>Connectors</i>	-	4 x SMA f			-
Conditions environnementales <i>Environmental conditions</i>	Conditions de mesures <i>Measurement conditions</i>	Spécifications / <i>Specifications</i>			Unités <i>Units</i>
		Min.	Typ.	Max.	
Température de service <i>Operating temperature</i>	-	-20		+55	°C
Température de stockage <i>Storage temperature</i>	-	-40		+75	°C
Relative Humidity	40°C Non condensing			95	%

(\*) Does not include coupling loss

Ind.	Par	Le	Observation
0	Covasso	21-05-2010	Création

OUTLINE	CONN.	A		B		C		D		E		F		G		H	
		Inch	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.	Inch.	mm.
CD-2	SMA	1.00	25.4	.50	12.7	0.0	0.0	.50	12.7	.50	12.7	.25	6.4	.40	10.2	.24	6.1
CD-1	SMA	3.60	91.4	.60	15.2	2.60	66	3.10	78.7	.50	12.7	.25	6.4	.40	10.2	.24	6.1
CD-3	SMA	3.10	78.7	.55	14	1.50	38.1	2.60	66.0	.80	20.3	.25	6.4	.50	12.7	.24	6.1
CD-4	SMA	4.40	111.8	0.77	19.6	2.90	73.8	3.90	99.0	.76	19.3	.25	6.4	.57	14.5	.27	6.9
CD-7	SMA	1.84	46.7	.54	13.7	0.94	23.9	1.34	34.0	.45	11.4	.25	6.4	.40	10.2	.24	6.1
CD-8	SMA	1.84	46.7	.59	15.0	0.94	23.9	1.34	34.0	.45	11.4	.25	6.4	.40	10.2	.24	6.1
CD-9	SMA	1.81	46.0	.67	17.0	0.81	20.6	1.27	32.3	.50	12.7	.27	6.9	.40	10.2	.24	6.1
CD-10	SMA	1.20	30.5	.54	13.7	0.34	8.6	0.65	16.5	.43	10.9	.27	6.9	.40	10.2	.24	6.1
CD-11	SMA	1.20	30.5	.59	15.0	0.34	8.6	0.65	16.5	.43	10.9	.27	6.9	.40	10.2	.24	6.1
CD-13	SMA	2.22	56.4	.70	17.8	1.00	25.4	1.70	43.2	.61	15.5	.27	6.9	.40	10.2	.24	6.1
CD-14	SMA	1.36	34.5	.66	16.8	0.50	12.7	0.86	21.8	.43	10.9	.25	6.4	.40	10.2	.24	6.1
CD-15	SMA	1.22	31.0	.60	15.2	0.38	9.7	0.72	18.3	.42	10.7	.25	6.4	.40	10.2	.24	6.1
CD-16	SMA	3.51	89.2	.70	17.8	2.00	50.8	2.93	74.4	.76	19.3	.30	7.6	.40	10.2	.24	6.1
CD-19	SMA	5.50	139.7	.75	19.1	4.00	101.6	4.86	123.4	.75	19.1	.31	7.9	.40	10.2	.24	6.1

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