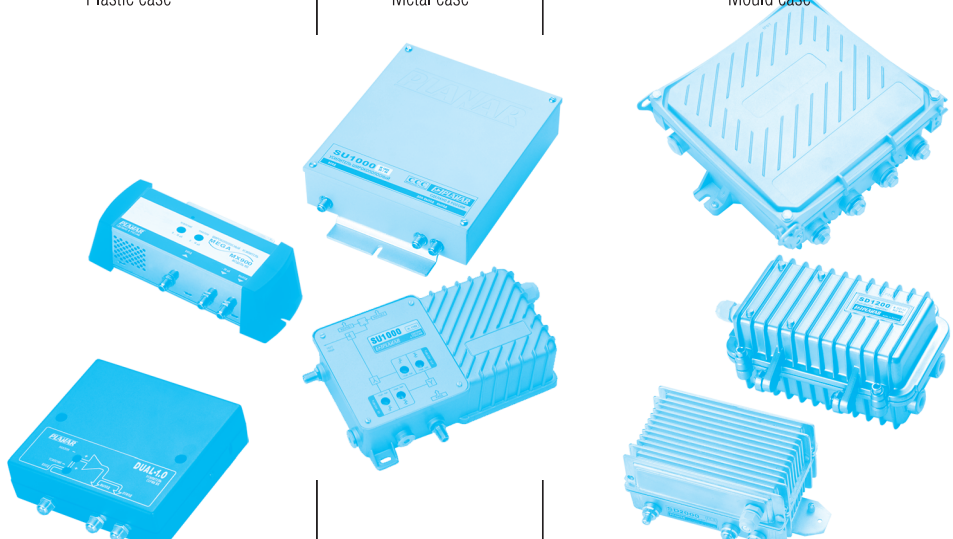


WIDEBAND AMPLIFIERS «PLANAR»							
APARTMENT		HOUSE		SUBDISTRIBUTION			
				DISTRIBUTION			
CATV network	Small network			Middle network			
			Large network		Magor network		
Series name	ZENT BX DUAL BX	BX500	BX800 MX900	SU1000	SD1200	SD1500	SD2000(M)
Range, MHz	48-862			5-450/862	5-862	5-862	5-862
Output level IMA III (B) - 60 dB dBμV	105-110	114	117-118	121-122	124-126	124	128
	Single-cycle output stage			Push-pull technology			
CTB (-60) 42c	-		102	105	108	110	112
CSO (-60) 42c	-		102	105	110	110	112
Return path	active	-		Built-in		Changeable	
	passive	-		Built-in		Changeable	
Supply	Mains						
	-		Remote				
	-			Combining			
Connector type	«F»				5/8"		
Protection class	IP20				IP64		
Case type	Plastic case		Metal case		Mould case		
							

AMPLIFIER EQUIPMENT

Model	Inputs/ outputs	Operating frequency range, MHz	Noise figure, dB	Gain, dB	MOL (-60 dB) 800 (450), MHz	CTB/CSO (-60 dB) 42c dBµV	CTB/CSO (-60 dB) 110c dBµV	Operat. voltage ²⁾	Enclosure/ Connector type	Input corr. AFR, dB	Inter. corr. AFR, dB	Return channel	Service
SD2000	1/2 (insertion)	5...862	7	38	128	112/112	107/109	M	IP64/5/8*	insertion	insertion	insertion	AGC test port
SD2010	1/2 (insertion)	5...862	7	38	128	112/112	107/109	R	IP64/5/8*	insertion	insertion	insertion	AGC test port
SD2020	1/2 (insertion)	5...862	7	38	128	112/112	107/109	C	IP64/5/8*	insertion	insertion	insertion	AGC test port
SD1500	1/2 (insertion)	5...862	8	36	124	110/110	108/108	M	IP64/5/8*	0...18	0...10	insertion	test port
SD1510	1/2(insertion)	5...862	8	36	124	110/110	108/108	R	IP64/5/8*	0...18	0...10	insertion	test port, disp.r.supp.
SD1520	1/2(insertion)	5...862	8	36	124	110/110	108/108	C	IP64/5/8*	0...18	0...10	insertion	test port., disp.r.supp.
SD1201-LC	1/2(insertion)	48...862	6	38	126	112/109	107/108	M	IP64/5/8*	insertion	insertion	-	test port
SD1211-LC	1/2(insertion)	48...862	6	38	126	112/109	107/108	R	IP64/5/8*	insertion	insertion	-	test port, disp.r.supp.
SD1221-LC	1/2(insertion)	48...862	6	38	126	112/109	107/108	C	IP64/5/8*	insertion	insertion	-	test port, disp.r.supp.
SD1201-xx ¹⁾	1/2(insertion)	5...862	6	37	124	108/110	107/108	M	IP64/5/8*	insertion	insertion	active	test port,
SD1211-xx ¹⁾	1/2(insertion)	5...862	6	37	124	108/110	107/108	R	IP64/5/8*	insertion	insertion	active	test port, disp.r.supp.
SD1221-xx ¹⁾	1/2(insertion)	5...862	6	37	124	108/110	107/108	C	IP64/5/8*	insertion	insertion	active	test port, disp.r.supp.
SU1050	1/2(insertion)	48...450	7	35	121	-	101/107	M	IP20/F	0...18	-	-	test port
SU1050/10	1/2(insertion)	48...450	7	35	121	-	101/107	R	IP20/F	0...18	-	-	test port
SU1050/20	1/2(insertion)	48...450	7	35	121	-	101/107	C	IP20/F	0...18	-	-	test port
SU1000	1/2(insertion)	48...862	7	35	119	105/110	101/107	M	IP20/F	0...18	-	-	test port
SU1010	1/2(insertion)	48...862	7	35	119	105/110	101/107	R	IP20/F	0...18	-	-	test port
SU1020	1/2(insertion)	48...862	7	35	119	105/110	101/107	C	IP20/F	0...18	-	-	test port
SU1001-xx ¹⁾	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	M	IP20/F	0...18	-	passive	test port
SU1011	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	R	IP20/F	0...18	-	passive	test port
SU1021	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	C	IP20/F	0...18	-	passive	test port
SU1005-xx ¹⁾	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	M	IP20/F	0...18	-	active	test port
SU1015	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	R	IP20/F	0...18	-	active	test port
SU1025	1/2(insertion)	5...862	8	34	118,5	105/110	101/107	C	IP20/F	0...18	-	active	test port.
SU1100	1/2(insertion)	5...862	6	35	122	109/106	105/103	M	IP20/F	0...18	-	insertion	test port.
SU1102	1/2(insertion)	48...400/ 470...862	7	32/40	121	108/108		M	IP20/F	0...18	-	-	test port
MX901	1/1	48...862	6	30	117	102/102	97/100	M	IP20/F	0...18	-	-	test port
MX901-xx ¹⁾	1/1	5...862	6	30	117	102/102	97/100	M	IP20/F	0...18	-	passive	test port
MX951	1/1	48...862	6	40	117	102/102	97/100	M	IP20/F	0...18	-	-	test port
MX951-xx ¹⁾	1/1	5...862	6	40	117	102/102	97/100	M	IP20/F	0...18	-	passive	test port
MX961	1/1	48...862	6	40	117	102/102	97/100	R	IP20/F	0...18	-	-	test port
MX961-XX'	1/1	5...862	6	40	117	102/102	97/100	R	IP20/F	0...18	-	passive	test port
MX988	1/1	48...450	6	30	118	-	-	M	IP20/F	0...15	-	-	test port
BX801	1/1	48...862	6	30	118	-	-	M	IP20/F	0...15	-	-	sup. ant. amp.
BX851	1/1	48...862	6	40	118	-	-	M	IP20/F	0...15	-	-	-
BX501	1/1	48...862	6	30	114	-	-	M	IP20/F	0...15	-	-	-

NOTE.

1) xx – upper limit band frequency of return path, MHz
 Operating frequency range of return path can be chosen from
 5...30/42/55/65 MHz (upon request).

2) feeding:

M - mains, AC 87-250 V,

R - remote, AC 20-65 V or DC 30-90 V,

C - combination, AC main - 187-250 V; reserve - 20-65 V.

AMPLIFIERS AND CHANGEABLE MODULES COMPATIBILITY

	Power splitter modules SDM	Equalizer modules SEF, SEC, SAF, SCC	Return path modules SSR, SKR, SLC	Return path amplifier modules SAR	Diplexer modules FP/RP SDP-xx	AGC modules SAC
SD2000(M)	+	+	+	-	+	+
SD1500	+	+	+	-	-	-
SD1200	+	+	-	+	-	-
SU1000	+	-	-	+	+	-