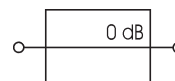




Distribution amplifiers

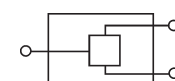
Plug-in modules

Plug-in links



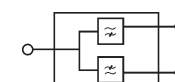
Technical specifications		TYPE	
		pl 01-00	pl 02-00
Ordering number		01859	01860
Attenuation		≤ 0.3 dB	
Return loss*		> 23 dB	

Plug-in splitters



Technical specifications		TYPE				
		ps 01-03	ps 01-06	ps 01-10	ps 01-14	ps 01-18
Ordering number		01876	01877	01878	01879	01881
Insertion loss (IN-OUT)	5 MHz	3.3 dB	2.0 dB	1.5 dB	1.0 dB	1.0 dB
	47 MHz	3.3 dB	2.0 dB	0.9 dB	0.8 dB	0.8 dB
	862 MHz	3.8 dB	2.8 dB	1.4 dB	1.3 dB	1.3 dB
Tap loss (IN-TAP)	5 MHz	3.3 dB	5.5 dB	10.5 dB	14.0 dB	18.5 dB
	47 MHz	3.3 dB	5.5 dB	10.5 dB	14.5 dB	18.0 dB
	862 MHz	3.8 dB	6.5 dB	10.5 dB	14.5 dB	18.5 dB
Isolation	5-862 MHz	≥ 22 dB	≥ 20 dB	≥ 22 dB	≥ 27 dB	≥ 27 dB
Return loss*		> 23 dB	> 20 dB			

Plug-in diplexers

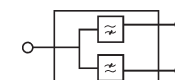


Technical specifications		TYPE		
		pd 03-30	pd 03-55	pd 03-65
Ordering number		01896	01897	01898
Frequency range	return path	5-30 MHz	5-55 MHz	5-65 MHz
	forward path	47-862 MHz	75-862 MHz	87-862 MHz
Attenuation	5 MHz	≤ 0.3 dB		
		≤ 1.3 dB at 30 MHz	≤ 1.3 dB at 55 MHz	≤ 1.4 dB at 65 MHz
		≤ 1.3 dB at 47 MHz	≤ 1.3 dB at 75 MHz	≤ 1.3 dB at 87 MHz
	862 MHz	≤ 0.6 dB		
		> 20 dB		
Return loss*		> 20 dB		
Stop band loss		≥ 50 dB		

* at 40 MHz reduction - 1.5 dB/octave

Plug-in diplexers

- ingress blocking



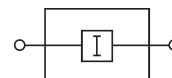
Technical specifications		TYPE		
		pd 04-30	pd 04-55	pd 04-65
Ordering number		02800	02801	02802
Frequency range	return path	18-30 MHz	18-55 MHz	18-65 MHz
	forward path	47-862 MHz	75-862 MHz	87-862 MHz
Attenuation	18 MHz	≤ 1.5 dB		
		≤ 1.5 dB at 30 MHz	≤ 1.5 dB at 55 MHz	≤ 1.5 dB at 65 MHz
		≤ 1.3 dB at 47 MHz	≤ 1.3 dB at 75 MHz	≤ 1.4 dB at 87 MHz
	862 MHz	≤ 0.6 dB		
		≥ 20 dB at 40 MHz - 1.5 dB/octave, but not less 12 dB		
Return loss		≥ 20 dB at 40 MHz - 1.5 dB/octave, but not less 12 dB		
Stop band loss		≥ 50 dB		



Distribution amplifiers

Plug-in modules

Plug-in interstage attenuators

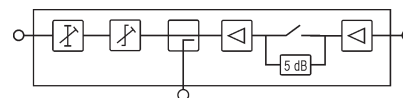


Technical specifications								
T Y P E		JXP-0	JXP-1	JXP-2	JXP-3	JXP-4	JXP-5	JXP-6
Ordering number		01844	01835	01846	01836	01847	01837	01848
Frequency range		5-862 MHz						
Attenuation		0 dB	1 dB	2 dB	3 dB	4 dB	5 dB	6 dB
Return loss		≥ 16 dB						

Technical specifications								
T Y P E		JXP-7	JXP-8	JXP-9	JXP-10	JXP-11	JXP-12	JXP-13
Ordering number		10865	01827	01849	01800	10866	01829	10867
Frequency range		5-862 MHz						
Attenuation		7 dB	8 dB	9 dB	10 dB	11 dB	12 dB	13 dB
Return loss		≥ 16 dB						

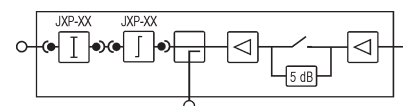
Technical specifications								
T Y P E		JXP-14	JXP-15	JXP-16	JXP-17	JXP-18	JXP-19	JXP-20
Ordering number		10868	10869	10870	10871	10872	10873	10874
Frequency range		5-862 MHz						
Attenuation		14 dB	15 dB	16 dB	17 dB	18 dB	19 dB	20 dB
Return loss		≥ 16 dB						

Plug-in return path amplifiers



Technical specifications				
T Y P E		pr 04-30	pr 04-55	pr 04-65
Ordering number		01891	01893	01894
Frequency range		5-30 MHz	5-55 MHz	5-65 MHz
Gain, switchable		20/25 dB		
Gain adjustment, variable		20 dB		
Slope adjustment, variable		15 dB		
Loss in output test point		-20 ± 0.5 dB		
Output level	IMD3=60 dB (DIN45004B)	118 dB μ V		
	IMD2=60 dB (EN50083-3)	115 dB μ V		
Noise figure		5 dB		

Plug-in return path amplifiers



Technical specifications				
T Y P E		pr 05-30	pr 05-55	pr 05-65
Ordering number		11832	11833	11834
Frequency range		5-30 MHz	5-55 MHz	5-65 MHz
Gain, switchable		20/25 dB		
Gain adjustment in 1 dB step		20 dB		
Slope adjustment in 1 dB step		15 dB		
Loss in output test point		-20 ± 0.5 dB		
Output level	IMD3=60 dB (DIN45004B)	118 dB μ V		
	IMD2=60 dB (EN50083-3)	115 dB μ V		
Noise figure		5 dB		