

Technical specification/ Data sheet



LOG Antennas - UHF LOG antene - UHF

UHF
Ch. 21-69 (470-862 MHz)



P-20



P-20 WF



P-28

Technical data

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Type	Channels (frequency)	No. of elements	Gain	F/B ratio	Beam width	Connection	Impedance	Lenght	Packing								
									pcs.	cm	m ³						
P-16	Ch. 57 - 69 (758 - 862 MHz)	16	8 dB[i]	18 dB	Horiz. 48 - 54° Vert. 52 - 60°	-	75 Ohm	55 cm	5	59 x 27 x 18	0.02						
P-16 F*																	
P-16 DTT/G **			22 dB[i]			3 F(i)											
P-18	Ch. 21 - 69 (470 - 862 MHz)	18	8 dB[i]	20 dB	Horiz. 47 - 53° Vert. 50 - 58°	-		60 cm	10	111 x 34 x 16	0.06						
P-18 F*																	
P-18 DTT/G **			23 dB[i]			3 F(i)											
P-20	Ch. 21 - 69 (470 - 862 MHz)	20	7.5 dB[i]	21 dB	Horiz. 49 - 56° Vert. 53 - 60°	-		40 cm	25	111 x 34 x 27	0.10						
P-20 F*																	
P-20 WF*														3 F(i)	40 cm		
P-20 DTT/G**								22.5 dB[i]						3 F(i)	40 cm		
P-20 W DTT/G**														3 F(i)	44 cm		
														3 F(i)	44 cm		
P-2404	Ch. 21 - 37 (470 - 606 MHz)	24	11 dB[i]	>27 dB	Horiz. 39 - 48° Vert. 42 - 51°	-	116 cm	9	148 x 33.5 x 33	0.16							
P-2404 F*																	
P-2404 DTT/G **			26 dB[i]			3 F(i)											
P-28	Ch. 21 - 69 (470 - 862 MHz)	28	8 dB[i]	23 dB	Horiz. 43 - 50° Vert. 48 - 52°	-	77 cm	5	81 x 36 x 17	0.05							
P-28 F*																	
P-28 DTT/G **											23 dB[i]			3 F(i)			

* Passive antenna with different connections

** Active antenna with built-in low noise amplifier

Passive antenna can have following built-in inside the antenna carrier:

- only F female connector Eg.: P-20 F
- F female connector with LTE CUT filter
 - LTE 800 LIGHT filter Eg.: P-20 FLT
 - LTE 800 HQ BASIC filter Eg.: P-20 FL
 - LTE 700/800 LIGHT filter Eg.: P-20 FLT7
 - LTE 700/800 HQ BASIC filter Eg.: P-20 FL7

Active antenna can have built-in following amplifiers inside the antenna carrier:

- low noise amplifier DIGI-LOG 14VU (see page 13) Eg.: P-2845 DTT/G
- low noise amplifier DIGI-LOG 15R-U (with SWITCH system) Eg.: P-2845 G-SWITCH
- low noise amplifier DIGI-LOG 14VU with LTE CUT filter LTE 800 LIGHT Eg.: P-2845 GLT

Suitable power supply unit with output DC12V, 150 mA

Gain diagram / Grafi dobitkov

