

REPETEUR 61		DVB-S2
1M - F: 10.89125 GHz - Pol: linear - horizontal - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
436	RBB BERLIN	10351
437	HR FERNSEHEN	10355
438	MDR FERNSEHEN	10353

REPETEUR 39		DVB-S2
1L - F: 11.05275 GHz - Pol: linear - horizontal - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
433	ONE	10376
442	SR FERNSEHEN	10378
431	TAGESSCHAU 24	10375

REPETEUR 11		DVB-S2
1KR - F: 11.36175 GHz - Pol: linear - horizontal - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
450	ZDF NEO	11130

REPETEUR 19		DVB-S2
1N - F: 11.49375 GHz - Pol: linear - horizontal - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
430	DAS ERSTE	10301
446	ARTE ALLEMAND	10302

REPETEUR 25		DVB-S2
1N - F: 11.58225 GHz - Pol: linear - horizontal - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
434	BAYERISCHES FS	10325
439	NDR	10327
441	PHOENIX	10331

REPETEUR 27		DVB-S
1M - F: 11.61175 GHz - Pol: linear - horizontal - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
475	TRT TURK	5113

	Nouvelle Chaîne
	Chaîne supprimée

	Fréquences Bandes Basses Verticales
	Fréquences Bandes Hautes Horizontales

	Fréquences Bandes Basses Horizontales
	Fréquences Bandes Hautes Verticales

REPETEUR 10		DVB-S2
- F: 11.347 GHz - Pol: linear - vertical - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
444	3 SAT	11150
445	KIKA	11160
448	ZDF INFO	11170

REPETEUR 12		DVB-S2
1L - F: 11.37650 GHz - Pol: linear - vertical - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
474	RUSSIA TODAY	6381

REPETEUR 20		DVB-S
1KR - F: 11.50850 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
400	AL JAZEERA ARABE	7009
472	ARIRANG TV	7011
422	CUBA VISION	7008
	NHK WORLD TV	7014

REPETEUR 22		DVB-S
1KR - F: 11.538 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
401	FRANCE 24 ARABE	6910
469	CGTN DOCUMENTARY	6912
106	FRANCE 24	6905
407	FRANCE 24 ENG	6906
	RUSSIA TODAY	6904
470	CGTN	6914
471	CGTN FRANCAIS	6913
476	TRT WORLD	6918

REPETEUR 85		DVB-S
1N - F: 12.10950 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
440	RBB BRANDENBURG	28205

REPETEUR 87		DVB-S
2C - F: 12.14850 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
464	GOD TV	774

REPETEUR 89		DVB-S
1L - F: 12.18750 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
427	RTL TELEVISION	12003
428	RTL 2	12020
429	SUPER RTL	12040
457	VOX	12060
458	N-TV	12090

REPETEUR 91		DVB-S
1L - F: 12.22650 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
105	EURONEWS	31220
447	EURONEWS ALL	31230

REPETEUR 93		DVB-S
1M - F: 12.26550 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
435	BR ALPHA	28487

REPETEUR 101		DVB-S
- F: 12.42150 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
443	WDR	28325

REPETEUR 103		DVB-S
1M - F: 12.46050 GHz - Pol: linear - horizontal - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
466	EWTN	62

REPETEUR 26		DVB-S
1L - F: 11.597 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
109	BLOOMBERG TV	10067
112	CNBC	10030
463	SONLIFE	10080
404	ALGERIE 3	10082
403	CANAL ALGERIE	10083
	BBC WORLD NEWS	10050
98/324	RMC DECOUVERTE	10079/10079

REPETEUR 28		DVB-S
1M - F: 11.62650 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
110	CNN INT.	4422
418	TVE INTERNATIONAL	4401
419	24 HORAS	4402
426	DEUTSCHE WELLE	4430
	AL JAZEERA ENG	4440

REPETEUR 70 (CDN)		DVB-S2
1M - F: 11.817 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
27	OCS CITY	8007
44	MTV	8004
67/322	6TER	8011/8011
	DATASYSTEM	8099
89	HISTOIRE	8006
178	MEZZO	8010
219	PINK X	8009
157	NICKELODEON	8008
57	BET	8001
170	MTV HITS	8003
201	A+	8002
104/327	FRANCEINFO:	8005/8005
202	TRACE AFRICA	8012

REPETEUR 107		DVB-S
1L - F: 12.54475 GHz - Pol: linear - horizontal - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
455	SAT 1	17500
453	SIXX	17504
454	N24	17503
452	KABEL 1	17502
456	PRO SIEBEN	17501

REPETEUR 111		DVB-S
1N - F: 12.60375 GHz - Pol: linear - horizontal - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
409	SKY NEWS	7290

REPETEUR 40		DVB-S
1L - F: 11.06750 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
416	TELESUR	31304
415	TV RECORD	31301
421	TV GALICIA	31306
113	I24 NEWS	31307

REPETEUR 46		DVB-S
2C - F: 11.156 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
420	ANDALUCIA TV	30505

REPETEUR 48		DVB-S
- F: 11.18550 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
424	BVN	4320
467	TV TRWAM	4310
77	QVC	4330

REPETEUR 0		DVB-S2
- F: 11.229 GHz - Pol: linear - vertical - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
111	BBC WORLD NEWS	5001
473	NHK WORLD TV	5021
408	AL JAZEERA ENG	5031
96	MONT-BLANC LIVE	5081

REPETEUR 72 (CDN)		DVB-S2
1M - F: 11.856 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
131	BEIN SPORTS 1	8209
132	BEIN SPORTS 2	8210
133	BEIN SPORTS 3	8211
173	NRJ HITS	8204
34	SUNDANCE TV	8205
264	BEIN SPORTS MAX 4	8201
265	BEIN SPORTS MAX 5	8202
266	BEIN SPORTS MAX 6	8203
83	VICELAND	8207
158	NICKELODEON+1	8208
78	M6 BOUTIQUE	8206

REPETEUR 74 (CDN)		DVB-S2
1M - F: 11.895 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
7307	ARTE	8321/8321
8	A LA UNE	8304
65/319	FRANCE O	8322/8322
169/318	GULLI	8323/8323
68/323	NUMERO 23	8309/8309
102/315	BFM TV	8301/8301
108	BFM BUSINESS	8303
267	BEIN SPORTS MAX 7	8305
268	BEIN SPORTS MAX 8	8306
269	BEIN SPORTS MAX 9	8307
270	BEIN SPORTS MAX 10	8308
41	POLAR+	8302

REPETEUR 76 (CDN)		DVB-S2
1M - F: 11.934 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
150	DISNEY JUNIOR	8906
45	ELLE GIRL	8903
	DATASYSTEM	8199
163	BOING	8911
155	BOOMERANG	8908
126	GIRONDINS TV	8904
100	LA CHAINE METEO	8902
136	MOTORSPORT TV	8910
174	TRACE URBAN	8907
49	GAME ONE	8905
152	NICKELODEON JR	8912
	CANAL+	8909

REPETEUR 84 (CDN)			DVB-S2
1M - F: 12.090 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK			
N°	Service	Sid	
161	DISNEY XD	9401	
30	DISNEY CINEMA	9402	
46	NON STOP PEOPLE	9405	
122	EUROSPORT 2	9406	
28	OCS CHOC	9404	
	DATASYSTEM	9499	
167	DISNEY CHANNEL+1	9408	
215	FRENCH LOVER	9403	
159	TELETOON+	9411	
160	TELETOON+1	9412	
81	PLANETE+ CI	9409	
76	CAMPAGNES TV	9410	
75	MY ZEN TV	9407	

REPETEUR 86 (CDN)			DVB-S2
1N - F: 12.129 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK			
N°	Service	Sid	
250	MULTISPORTS	9911	
216	PENTHOUSE	9907	
54	TEVA	9905	
31	TCM CINEMA	9902	
134/252	GOLF+	9903/9903	
50	J-ONE	9906	
156	CARTOON NETWORK	9908	
	DATASYSTEM	9999	
71	TV5 MONDE	9910	
257	MULTISPORTS 5	9921	
125	ONZEO	9909	
82	PLANETE+ A&E	9912	
164	TOONAMI	9922	
84	MUSEUM	9901	

REPETEUR 88 (CDN)			DVB-S2
1N - F: 12.168 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 2/38PSK			
N°	Service	Sid	
2/302	FRANCE 2	9306/9306	
88	USHUAIA TV	9305	
59/309	W9	9304/9304	
6/306	M6	9303/9303	
20	CINE+ PREMIER	9302	
22	CINE+ EMOTION	9307	
	DATASYSTEM	9399	
64/317	CSTAR	9308/9308	
3/303	FRANCE 3	9309/9309	
107/313	LCP	9310/9310	
	BARKER COLLECTIVITES SD4	9311	
137/321	L'EQUIPE	9301/9301	

REPETEUR 78			DVB-S
1M - F: 11.973 GHz - Pol: linear - vertical - SR: 27.5 - FEC: 3/4QPSK			
N°	Service	Sid	
461	VIVA	28676	

REPETEUR 80 (CDN)			DVB-S2
1M - F: 12.012 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK			
N°	Service	Sid	
11	CANAL+ SPORT	8804	
10	CANAL+ CINEMA	8803	
14	CANAL+ DECALE	8802	
13	CANAL+ FAMILY	8805	
4/9/304	CANAL+	8801/8801/8801	
21	CINE+ FRISSON	8807	
12	CANAL+ SERIES	8806	
	DATASYSTEM	8899	
101/316	CNEWS	8810/8810	
23	CINE+ FAMIZ	8808	
25	CINE+ CLASSIC	8809	

REPETEUR 100 (CDN)			DVB-S2
1N - F: 12.402 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK			
N°	Service	Sid	
200	NOLLYWOOD TV	8711	
	DATASYSTEM	8799	
213	DORCEL XXX	8708	
212	DORCEL TV	8709	
251	FOOT+ 24/24	8712	
63/314	FRANCE 4	8701/8701	
176	RFM TV	8706	
62/312	NRJ 12	8704/8704	
61/311	NT1	8702/8702	
177	MELODY	8710	
154	TIJI	8707	
60/310	TMC	8703/8703	
53	TV BREIZH	8705	

REPETEUR 90 (CDN)		DVB-S2
1N - F: 12.207 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
121	EUROSPORT 1	9005
80	PLANETE+	9006
166	DISNEY CHANNEL	9007
55	PARIS PREMIERE	9004
85	NATIONAL GEO	9002
1/301	TF1	9001/9001
66/320	HD1	9003/9003
	DATASYSTEM	9099
58/308	C8	9012/9012
5/305	FRANCE 5	9008/9008
120	INFOSPORT+	9010
103/326	LCI	9009/9009

REPETEUR 92 (CDN)		DVB-S2
1N - F: 12.246 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
29	OCS GEANTS	6604
87	VOYAGE	6605
32	PARAMOUNT CHANNEL	6606
	DATASYSTEM	6699
128	EQUIDIA LIVE	6612
129	EQUIDIA LIFE	6611
214	LIBIDO TV	6607
258	MULTISPORTS 6	6621
94	SEASONS	6610
19	EVENEMENT	6609
217	PENTHOUSE BLACK	6608
47	NOVELAS TV	6602
168	BABY TV	6622

REPETEUR 94		DVB-S2
1N - F: 12.285 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 2/38PSK		
N°	Service	Sid
92	ANIMAUX	17022
33	ACTION	17030
56	RTL9	17035
52	AB1	17021
127	AB MOTEURS	17020
51	MANGAS	17031
91	SCIENCE ET VIE TV	17023
93	TREK	17025
211	XXL	17024
90	TOUTE L'HISTOIRE	17026
95	CHASSE ET PECHE	17036

REPETEUR 102 (CDN)		DVB-S2
1N - F: 12.441 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 5/6QPSK		
N°	Service	Sid
179	MEZZO LIVE	6502
86	NAT GEO WILD	6501
172	M6 MUSIC	6503
43	SERIE CLUB	6505
181	DJAZZ	6504
165	NICKELODEON 4TEEN	6512
162	CANAL J	6511
	DATASYSTEM	6599
40	COMEDIE+	6508
135	EXTREME SPORTS	6509
151	PIWI+	6510
220	MAN X	6507
42	WARNER TV	6506

REPETEUR 104		DVB-S
1M - F: 12.480 GHz - Pol: linear - vertical - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
460	SONNENKLAR	32
451	SPORT 1	900
459	TELE 5	51

REPETEUR 108		DVB-S
1N - F: 12.55150 GHz - Pol: linear - vertical - SR: 22 - FEC: 5/6QPSK		
N°	Service	Sid
69/325	CHERIE 25	12140/12140

REPETEUR 118 (CDN)		DVB-S2
1L - F: 12.699 GHz - Pol: linear - vertical - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
180	BRAVA	9521
26	OCS MAX	9522
	DATASYSTEM	9599
24	CINE+ CLUB	9501
253	MULTISPORTS 1	9502
254	MULTISPORTS 2	9503
255	MULTISPORTS 3	9504
256	MULTISPORTS 4	9505
124	OL TV	9509
123	OM TV	9510
218	COLMAX TV	9508

REPETEUR 96 (CDN)		DVB-S2
1N - F: 12.324 GHz - Pol: linear - vertical - SR: 29.7 - FEC: 2/38PSK		
N°	Service	Sid
0	MOSAIQUE	8622
48	MCM	8602
175	MCM TOP	8601
130	MOSAIQUE BEIN SPORTS	8623
	CLIQUE.TV	8624
	DOWNLOAD G9 9200	8690
	DATA SERVICE R9	9203

REPETEUR 98 (CDN)		DVB-S
1N - F: 12.363 GHz - Pol: linear - vertical - SR: 27.5 - FEC: 3/4QPSK		
N°	Service	Sid
	DOWNLOAD TNTSAT 9191	9191
15	CANAL A LA DEMANDE	9123
17/291	CANALPLAY	9133/9133
210	PASS XXL DORCEL	9171
293	MYTF1	9173
209	LE PORN	9169
221	PASS PINK X	9174
490	ESPACE CLIENT	9132
99	MES VIDEOS	9104
487	.	9117
294	6PLAY	9130
16/292	CANAL VOD	9131/9131
	DOWNLOAD G5 SAMSUNG	9146
	DOWNLOAD G5 PACE	9147
	DOWNLOAD G5+ PACE	9150
	DOWNLOAD G5+ SAGEM	9151
	DOWNLOAD R7 G5+ PACE	9152
	DATA SYSTEM[98]	9199
	DOWNLOAD TNTSAT 9192	9192
	DOWNLOAD TNTSAT 9193	9193
	OTA REDSAT	9190
	DOWNLOAD SUISSE	9188
911	DIAGNOSTIC TECHNIQUE	9172
	DOWNLOAD R7 G5+ SAGEM	9103
	DOWNLOAD R7 G5 PACE	9112
	DOWNLOAD R7 G5 SAMSUNG	9119
153	MON NICK JUNIOR	9121
171	MY MTV	9120
	RADIOS 2	9113
	RADIOS 3	9116
	RF	9115
	RADIOS 1	9114
	DOWNLOAD CPRO V2 9134	9134
	PUSH VOD COLLECTIVITES	9136
777	NUMEROTATIONS	9201
38	FOX PLAY	9202
	DATA SERVICE R7	9197

REPETEUR 120 (CDN)		DVB-S2
1L - F: 12.72850 GHz - Pol: linear - vertical - SR: 22 - FEC: 2/38PSK		
N°	Service	Sid
370	F3 PICARDIE	9822
361	F3 FRANCHE COMTE	9824
352	F3 AQUITAINE	9815
354	F3 BNORMANDIE	9801
353	F3 AUVERGNE	9816
355	F3 BOURGOGNE	9805
350	F3 ALPES	9808
367	F3 NORD PDC	9809
364	F3 LIMOUSIN	9818
373	F3 RHONE ALPES	9823
372	F3 PROV ALPES	9813
363	F3 LANGUEDOCROU	9811
365	F3 LORRAINE	9819
369	F3 PAYS DE LOIRE	9802
360	F3 COTE D'AZUR	9803
357	F3 CENTRE	9804
368	F3 PARIS IDF	9821
371	F3 POITOUCHAR	9806
358	F3 CHAMP ARDENNE	9807
356	F3 BRETAGNE	9817
362	F3 HNORMANDIE	9814
351	F3 ALSACE	9810
366	F3 MIDI PYRENEES	9820
359	F3 CORSEVIATELLA	9812