

## How to watch France 24 on TV

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## ASTRA 1



<b>SD</b>	<b><u>French / English</u></b>
Orbital position	<b>19.2° East</b>
Transponder	<b>22</b>
D/L frequency	<b>11 538 MHz</b>
D/L polarization	<b>Vertical</b>
Modulation	<b>QPSK</b>
FEC	<b>5/6</b>
Symbol rate (Msymb/s)	<b>22</b>

## HOTBIRD



<b>HD</b>	<b>French / English</b>
Orbital position	<b>13° East</b>
Transponder	<b>53</b>
D/L frequency	<b>11 566 MHz</b>
D/L polarization	<b>Horizontal</b>
Modulation	<b>8PSK – DVB-S2</b>
FEC	<b>3/4</b>
Symbol rate (Msymb/s)	<b>29.9</b>

## ASTRA 2



<b>HD</b>	<b>English</b>
Orbital position	<b>28.2° East</b>
Transponder	<b>116</b>
D/L frequency	<b>11 426 MHz</b>
D/L polarization	<b>Vertical</b>
Modulation	<b>QPSK</b>
FEC	<b>5/6</b>
Symbol rate (Msymb/s)	<b>27.5</b>

## ARABSAT BADR-4



<b>SD</b>	<b>French/ English/ Arabic</b>	<b>HD</b>	<b>French/ English/ Arabic</b>
Orbital position	<b>26° East</b>	Orbital position	<b>26° East</b>
Transponder	<b>15</b>	Transponder	<b>19</b>
D/L frequency	<b>11 996 MHz</b>	D/L frequency	<b>12 072 MHz</b>
D/L polarization	<b>Horizontal</b>	D/L polarization	<b>Horizontal</b>
Modulation	<b>QPSK</b>	Modulation	<b>8PSK - DVB-S2</b>
FEC	<b>3/4</b>	FEC	<b>3/4</b>
Symbol rate (Msymb/s)	<b>27.5</b>	Symbol rate (Msymb/s)	<b>27.5</b>

## NILESAT-201



<u>SD</u>	<u>English</u>	<u>SD</u>	<u>Arabic</u>
Orbital position	7° West	Orbital position	7° West
Transponder	14	Transponder	26
D/L frequency	11 977 MHz	D/L frequency	12 207 MHz
D/L polarization	Vertical	D/L polarization	Vertical
Modulation	QPSK	Modulation	QPSK
FEC	5/6	FEC	3/4
Symbol rate (Msymb/s)	27.5	Symbol rate (Msymb/s)	27.5



## SES-5



<b>SD</b>	<b>French / English</b>
Orbital position	<b>5° East</b>
Transponder	<b>BSS16</b>
D/L frequency	<b>12 015 MHz</b>
D/L polarization	<b>Vertical</b>
Modulation	<b>QPSK</b>
FEC	<b>3/4</b>
Symbol rate (Msymb/s)	<b>29.95</b>

## EUTELSAT 16A



<u>SD</u>	<u>French</u>
Orbital position	16° East
Transponder	K5
D/L frequency	10 804 MHz
D/L polarization	Horizontal
Modulation	8PSK – DVB-S2
FEC	2/3
Symbol rate (Msymb/s)	30



## ASTRA 2G



<u>SD</u>	<u>English</u>
Orbital position	28.2° East
Transponder	708
D/L frequency	11 095 MHz
D/L polarization	Vertical
Modulation	8PSK – DVB-S2
FEC	5/6
Symbol rate (Msymb/s)	30

## ASIASAT 5



<b>SD</b>	<b>French / English</b>	<b>HD</b>	<b>English</b>
Orbital position	<b>100.5° East</b>	Orbital position	<b>100.5° East</b>
Transponder	<b>C11H</b>	Transponder	<b>C11H</b>
D/L frequency	<b>4 040 MHz</b>	D/L frequency	<b>4 040 MHz</b>
D/L polarization	<b>Horizontal</b>	D/L polarization	<b>Horizontal</b>
Modulation	<b>8PSK – DVB-S2</b>	Modulation	<b>8PSK – DVB-S2</b>
FEC	<b>5/6</b>	FEC	<b>5/6</b>
Symbol rate (Msymb/s)	<b>29.72</b>	Symbol rate (Msymb/s)	<b>29.72</b>

## INTELSAT 21



<u>SD</u>	<u>French / English</u>	<u>HD</u>	<u>Spanish</u>
Orbital position	<b>58° West</b>	Orbital position	<b>58° West</b>
Transponder	<b>WH19C</b>	Transponder	<b>WH19C</b>
D/L frequency	<b>4 080 MHz</b>	D/L frequency	<b>4 080 MHz</b>
D/L polarization	<b>Vertical</b>	D/L polarization	<b>Vertical</b>
Modulation	<b>8PSK - DVB-S2</b>	Modulation	<b>8PSK - DVB-S2</b>
FEC	<b>5/6</b>	FEC	<b>5/6</b>
Symbol rate (Msymb/s)	<b>30</b>	Symbol rate (Msymb/s)	<b>30</b>