

IMT Spectrum Assignments

IMT stands for International Mobile Telephony. IMT is used to indicate spectrum that is reserved for mobile network operators. The table below lists spectrum assignments by country and operator. The assignments are in MHz and the format 2×10, 2×15, etc means that the spectrum has been assigned on a paired basis with an uplink band and a downlink band also known as FDD or Frequency Division Duplex. The alternative to this is TDD or Time Division Duplex where spectrum is assigned in a single band for both uplink and downlink.

This database of spectrum is available on each Country Profile page displaying on the the assignments for that country. Changes made here will reflect on the country pages and vice versa.

Name	Keep	Types	License	Owner / Project	Ease of Use	Website	Docs	Code	Forum	Guide	Discussion	Alternatives
Algeria	Mobilis ATM		2X8	2X10	2X15							
Algeria	Ooredoo		2X8	2X10	2X15							
Benin	Glo		2X?	2X?								
Benin	MTN		2X?	2X?	2X?							
Benin	Moov		2X?		2X?							
Benin	be.Telecoms		2X?	2X?								
Botswana	BeMobile		2X4	2X8								
Botswana	Government		2X3									
Botswana	Mascom		2X8	2X9								
Botswana	Orange		2X7	2X10	2X10							
Burkina Faso	Onatel		2X11.2	2X25	2X20							
Burkina Faso	Orange		2X11.2	2X25	2X20							
Burkina Faso	Telecel		2X8	2X18.4	2X15							
Cabo Verde	CV Móvel		2X8	2X12	2X15							
Cabo Verde	Unitel Mais		2X8	2X16	2X15							
Cameroon	Camtel		2X10	2X?								
Cameroon	MTN		2X8.2	2X7.8	2X?							
Cameroon	Nexttel		2X8	2X25	2X?							
Cameroon	Orange		2X8.2	2X11.8	2X15							
Cameroon	YooMee											
Cameroon	neXttel		2X8	2X25								
Côte d'Ivoire	MTN		2X10	2X15	2X15							
Côte d'Ivoire	Moov		2X10	2X15	2X15							
Côte d'Ivoire	Orange		2X10	2X15	2X15							
Côte d'Ivoire	YooMee					https://?						
Egypt	Etisalat		2X10	2X10	2X10							
Egypt	Orange		2X12.5	2X15	2X15							
Egypt	Telecom Egypt	2X10		2X5								
Egypt	Vodafone		2X12.5	2X10	2X20							
Gambia	Africell		2X?	2X?	2X?							
Gambia	Gamcel		2X?		2X?	20						
Gambia	Netpage					10						
Gambia	Qcell		2X?	2X?	2X?							
Ghana	AirtelTigo		2X13	2X10	2X10							
Ghana	Blu Telecommunications											
Ghana	Busy					30						
Ghana	Glo		2X5	2X15	2X10							
Ghana	Goldkey											

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Ghana	MTN		2X8	2X10	2X15		2X15					
Ghana	Surflin						2X15					
Ghana	Telesol											
Ghana	Tigo		2X8	2X10	2X15							
Ghana	Vodafone		2X8	2X10	2X15							
Guinea Bissau	MTN		2X?	2X?	2X?							
Guinea Bissau	Orange		2X8	2X20	2X15	40						
Guinea Conakry	Cellcom				2X?							
Guinea Conakry	Intercel		2X?									
Guinea Conakry	MTN		2X?	2X?	2X?							
Guinea Conakry	Orange		2X6	2X12	2X10		10					
Iraq	AsiaCell		2X11.6	2X7.4	2X?							
Iraq	Fastlink						2X/...					
Iraq	Goran Net					https://?						
Iraq	Korek		2X11.6	2X7.4	2X?							
Iraq	Newroz					https://?						
Iraq	Tishknet											
Iraq	Zain		2X11.2	2X7.4	2X?							
Jordan	Orange		2X12.5	2X10	2X15		2X10					
Jordan	Umniah			2X20	2X10			https://?				
Jordan	Zain		2X17.5	2X20	2X20							
Kenya	Airtel		2X10	2X10	2X10							
Kenya	Airwaves Comms							2X7				
Kenya	Comtec Group							2X7				
Kenya	Faiba (Jamii)	2X10										
Kenya	IGO Wireless							2X7				
Kenya	Liquid Telecom							2X28				
Kenya	Open Systems Tech.							2X7				
Kenya	PacketStream Data							2X7				
Kenya	Safaricom		2X17.5	2X20	2X10							
Kenya	SimbaNET							2X7				
Kenya	Telkom Kenya		2X7.5	2X10	2X10			2X11				
Kenya	UUNet Comms							2X7				
Kenya	Yu		2X7									
Lebanon	Alfa Lebanon		2X12.5	2X15	2X10							
Lebanon	Touch		2X12.5	2X15	2X10							
Lesotho	Econet Lesotho		2X12	2X12	2X15							
Lesotho	Vodacom		2X12	2X10	2X20							
Liberia	Lonestar Cell MTN		2X9.4	2X15	2X20							
Liberia	Orange		2X7	2X20	2X20							
Mali	Malitel		2X?	2X11.8	2X15							
Mali	Orange		2X12	2X15.8	2X15	2X/...						
Mali	Telecel Mali		2X?	2X?	2X15							
Morocco	INWI		2X9	2X25	2X15		30					
Morocco	IAM (Maroc Telecom)		2X13	2X20	2X15		2X20					
Morocco	Orange		2X9	2X20	2X15		2X20					
Mozambique	Mcel		2X8	2x8	2X15							
Mozambique	Movitel		2X8	2X8	2X15							
Mozambique	Vodacom		2X8	2X8	2X15							
Namibia	MTC		2X13	2X35	2X15							
Namibia	Paratus			2X20	2X5		2X20					

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Namibia	Telecom Namibia		2X10	2X19	2X20		2X30					
Niger	Airtel		2X?	2X?	2X?							
Niger	Moov		2X?	2X?	2X?							
Niger	Orange		2X?	2X?	2X?							
Niger	Sahelcom		2X?	2X?	2X?							
Nigeria	9mobile		2X5	2X15	2X10							
Nigeria	Airtel		2X5	2X15	2X10							
Nigeria	Bitflux					30						
Nigeria	Glo Mobile	2X10	2X5	2X15	2X10							
Nigeria	MTN	2X10	2X5	2X15	2X10		2X30	30				
Nigeria	Smile											
Nigeria	Spectranet					20						
Nigeria	Swift					20						
Nigeria	ntel		2X5	2X15								
Palestine	Jawwal		2X4.8		2X10							
Palestine	Ooredoo		2X1.8	2X10								
Rwanda	Airtel		2X?	2X?	2X?							
Rwanda	KT Rwanda			2X?								
Rwanda	MTN		2X?		2X?							
Senegal	CSU SA (Opérateur de Service Universel)					10						
Senegal	Espresso		2X12	2X16	2X15							
Senegal	Hayo Telecom		2X?	2X?								
Senegal	Orange / Sonatel		2X12.4	2X16	2X15		2X20					
Senegal	Tigo		2X10	2X9	2X10							
Sierra Leone	Africell		2X?		2X?							
Sierra Leone	Orange		2X7.4	2X10	2X15	40						
South Africa	CellC		2X10	2X12	2X15							
South Africa	MTN		2X8	2X12	2X15							
South Africa	Neotel Liquid Telecom			2X12								
South Africa	Rain			2X12								
South Africa	Telkom			2X12	2X15							
South Africa	Vodacom		2X11	2X12	2X15							
Tanzania	Airtel	2X10	2X?	2X12.5	2X?							
Tanzania	Azam Telecom	2X10										
Tanzania	BOL			2X2x5								
Tanzania	Halotel			2X10	2X?							
Tanzania	Hits Telecom			2X10								
Tanzania	Shared Networks Tanzania Ltd		2X5									
Tanzania	Smart					https://?						
Tanzania	Smile											
Tanzania	TTCL				2X5							
Tanzania	Tigo		2X?	2X12.5	2X5							
Tanzania	Vodacom	2X10	2X7.5	2X10	2X15		42					
Tanzania	Zantel			2X10	2X?							
Togo	Moov		2X?		2X?							
Togo	Teolis											
Togo	Togocel		2X?		2X?							
Tunisia	Ooredoo		2X12.5	2X15	2X15							
Tunisia	Orange		2X10	2X15	2X20							
Tunisia	Orange Tunisie		2X10	2X15	2X20							
Tunisia	Tunisie Telecom		2X12.5	2X15	2X15							
Uganda	Africell		2X10	2X10	2X10							
Uganda	Airtel		2X11.6	2X15	2X10		2X10					

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Uganda	MTN		2X8.2	2X15	2X5		2X10					
Uganda	Smile						2X10					
Uganda	Tangerine/Lyca						2X10					
Uganda	Uganda Telecom		2X5		2X5		2X10					
Uganda	iTEL		2X3									
Algeria	Djezzy		2x8	2x10	2x15							

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