

PMN Code	Operator	MNC	MCC	OPCO Code	Country	Network Rank	Roaming Service Area	Launched 20404		
								2G	3G	4G
AFGTD	Roshan	412	20	ROSAF	Afghanistan	Primary	World Countries 1	YES	YES	NO
ALBVF	Vodafone	276	2	VFAL	Albania	Primary	Vodafone Countries Rest of World	YES	YES	YES
DZAWT	Wataniya	603	3	NEDDZ	Algeria	Primary	World Countries 4	YES	YES	NO
ANDMA	Mobiland	213	3	MBLAD	Andorra	Primary	World Countries 4	YES	YES	NO
AIACW	Lime	365	840	CAWAI	Anguilla, St. Kitts & Nevis, Anguilla, Montserrat, St. Lucia, St. Vincent & Grenadines, Turks & Caicos, Antigua & Barbuda, Jamaica, Virgin Islands (British), Cayman Islands, Barbados, Grenada and Dominica.	Primary	World Countries 1	YES	YES	NO
ARGCM	Claro	722	310	CLRAR	Argentina	Primary	World Countries 1	YES	YES	YES
ARM05	VivaCell	283	5	MTSAM	Armenia	Primary	World Countries 1	YES	YES	YES
ABWSE	Setar GSM	363	1	SETAW	Aruba	Primary	World Countries 1	YES	YES	NO
AUSVF	Vodafone	505	3	VFAU	Australia	Primary	Vodafone Countries Rest of World	NO	YES	YES
AUTPT	Mobilkom	232	1	MOBAT	Austria	Primary	European Countries	YES	YES	YES
AZEBC	Bakcell	400	2	BAKAZ	Azerbaijan	Primary	World Countries 1	YES	YES	YES
BHSBH	BTC	364	39	BTCBS	Bahamas	Primary	World Countries 3	YES	YES	YES
BHRBT	Batelco	426	1	BATBH	Bahrain	Primary	World Countries 1	YES	YES	YES
BGDAK	Robi	470	2	ROBBD	Bangladesh	Primary	World Countries 1	YES	YES	NO
BELTB	Proximus	206	1	PRXBE	Belgium	Primary	European Countries	YES	YES	YES
BENSP	Spacotel	616	3	SPTBJ	Benin	Primary	World Countries 1	YES	YES	NO
BMUBD	CellOne	350	0	C1BM	Bermuda	Primary	World Countries 1	YES	YES	NO
BOLNT	Nuevatel	736	1	NVTBO	Bolivia	Primary	World Countries 3	YES	YES	YES
BIHPT	BH Telecom	218	90	BHTBA	Bosnia and Herzegovina	Primary	World Countries 2	YES	YES	NO
BWAGA	Mascom	652	1	MSCBW	Botswana	Primary	World Countries 2	YES	YES	NO
BRACL	Claro	724	5	CLRBR	Brazil	Primary	World Countries 1	YES	YES	YES
BRNDS	DST	528	11	DSTBN	Brunei Darussalam	Primary	World Countries 1	YES	YES	YES
BGR01	M-Tel	284	1	MTLBG	Bulgaria	Primary	European Countries	YES	YES	YES
BFACT	Airtel	613	2	ATLBF	Burkina Faso	Primary	World Countries 3	YES	YES	NO
BDIL1	SmartMobile_Burundi	642	7	SMRBI	Burundi	Primary	World Countries 3	YES	YES	NO
KHMGM	Cellcard	456	1	CAMKH	Cambodia	Primary	World Countries 1	YES	YES	NO
CMR02	Orange	624	2	ORGCM	Cameroon	Primary	World Countries 3	YES	YES	NO
CANTS	Telus	302	220	TLSCA	Canada	Primary	World Countries 1	NO	YES	YES
CPVCV	CVMovel	625	1	CVMCV	Cape Verde	Primary	World Countries 3	YES	YES	NO
CAFAT	Moov	623	1	ATQCF	Central African Republic	Primary	World Countries 1	YES	YES	NO
TCDC	Airtel	622	1	ZAITD	Chad	Primary	World Countries 1	YES	YES	NO

CHLMV	Entel	730	1	ENTCL	Chile	Primary	World Countries 1	YES	YES	NO
CHNCU	China Unicom	460	1	UNCCN	China	Primary	World Countries 1	YES	YES	YES
COLCM	Claro	732	101	CLRCO	Colombia	Primary	World Countries 1	YES	YES	YES
COGCT	CelTel	629	1	ZAICG	Congo, (Brazzaville)	Primary	World Countries 1	YES	YES	NO
CRICL	Claro	712	3	CLRCR	Costa Rica	Primary	World Countries 1	YES	YES	YES
HRVVI	VIPnet	219	10	VIPHR	Croatia	Primary	European Countries	YES	YES	YES
ANTCT	Digicel	362	69	DGCNL	Curacao	Primary	World Countries 1	YES	YES	NO
CYPCT	Cytamobile-Vodafone	280	1	CYTCY	Cyprus	Primary	European Countries	YES	YES	YES
CZECM	Vodafone	230	3	VFCZ	Czech Republic	Primary	Vodafone Countries Europe	YES	YES	YES
CODVC	Vodacom, Congo	630	1	VFCD	Democratic Republic of Congo	Primary	Vodafone Countries Rest of World	YES	YES	NO
DNKTD	TDC	238	1	TDCDK	Denmark	Primary	European Countries	YES	YES	YES
DOMCL	Claro	370	2	CLRDO	Dominican Republic	Primary	World Countries 1	YES	YES	YES
ECUPG	Conecel	740	1	CONEC	Ecuador	Primary	World Countries 1	YES	YES	NO
EGYMS	Vodafone	602	2	VFEG	Egypt	Primary	Vodafone Countries Rest of World	YES	YES	NO
SLVTP	Claro	706	1	CLRSV	El Salvador	Primary	World Countries 1	YES	YES	NO
GNQHT	Hits	627	3	HTSGQ	Equatorial Guinea	Primary	World Countries 4	YES	YES	NO
ESTRE	Elisa	248	2	ELIEE	Estonia	Primary	European Countries	YES	YES	YES
FROKA	Vodafone	288	2	VFFO	Faroe Islands	Primary	World Countries 1	YES	YES	YES
FJIDP	Digicel	542	2	DGCFJ	Fiji and Nauru	Primary	World Countries 1	YES	YES	NO
FINRL	Elisa	244	5	ELIFI	Finland	Primary	European Countries	YES	YES	YES
FRAF2	SFR	208	10	SFRFR	France	Primary	European Countries	YES	YES	YES
FRAF4	Digicel	340	20	DGCMQ	French Guiana, Guadeloupe, Martinique, St. Barth and St.Martin	Primary	World Countries 1	YES	YES	NO
PYVVF	Vodafone	547	15	VFPK	French Polynesia	Primary	World Countries 2	YES	YES	NO
GABCT	Airtel	628	3	ZAIGA	Gabon	Primary	World Countries 1	YES	YES	NO
GMBAC	Africel	607	2	AFRGM	Gambia	Primary	World Countries 4	YES	YES	NO
GEOMA	Magticom	282	2	MAGGE	Georgia	Primary	World Countries 1	YES	YES	YES
DEUD2	Vodafone	262	2	VFDE	Germany	Primary	Vodafone Countries Europe	YES	YES	YES
GHAGT	Vodafone	620	2	VFGH	Ghana	Primary	Vodafone Countries Rest of World	YES	YES	NO
GIBGT	Gibtel	266	1	GIBGI	Gibraltar	Primary	World Countries 1	YES	YES	NO
GRCPF	Vodafone	202	5	VFGR	Greece	Primary	Vodafone Countries Europe	YES	YES	YES
USAPU	mPulse	310	140	MPLUS	Guam	Primary	World Countries 1	YES	YES	NO
GTMSC	Claro	704	1	CLRGT	Guatemala	Primary	World Countries 1	YES	YES	NO
GINAG	Areeba	611	4	MTNGN	Guinea	Primary	World Countries 2	YES	YES	NO
GNBSB	MTN Areeba	632	2	MTNGW	Guinea-Bissau	Primary	World Countries 2	YES	YES	NO
GUYGT	Cellink Plus	738	2	CLLGY	Guyana	Primary	World Countries 1	YES	YES	NO
HTIHT	Natcom	372	3	NATHT	Haiti	Primary	World Countries 1	YES	YES	NO
HNDME	Claro	708	1	CLRHN	Honduras	Primary	World Countries 1	YES	YES	NO
HKGH3	3	454	3	H3HK	Hong Kong	Primary	World Countries 1	YES	YES	YES

HUNVR	Vodafone	216	70	VFHU	Hungary	Primary	Vodafone Countries Europe	YES	YES	YES
ISLTL	Vodafone	274	2	VFIS	Iceland	Primary	World Countries 1	YES	YES	YES
INDE1	Vodafone	404	11	VFIN	India (Delhi)	Primary	Vodafone Countries Rest of World	YES	YES	YES
IDNTS	Telkomsel	510	10	TELID	Indonesia	Primary	World Countries 1	YES	YES	YES
IRNNT	Rightel	432	20	RGTIR	Iran	Primary	World Countries 1	NO	NO	NO
IRLEC	Vodafone	272	1	VFIE	Ireland	Primary	Vodafone Countries Europe	YES	YES	YES
GBRMT	Manx Telecom	234	58	MNXUK	Isle of Man	Primary	World Countries 1	YES	YES	YES
ISRO1	Orange	425	1	ORGIL	Israel	Primary	World Countries 1	YES	YES	YES
ITAOM	Vodafone	222	10	VFIT	Italy, San Marino and Vatican	Primary	Vodafone Countries Europe	YES	YES	YES
JPNJP	Softbank	440	20	JFNJP	Japan	Primary	World Countries 1	NO	YES	YES
GBRAJ	Airtel-Vodafone	234	3	AVFJE	Jersey and Guernsey	Primary	World Countries 1	YES	YES	YES
JORFL	Zain	416	1	ZAIJO	Jordan	Primary	World Countries 1	YES	YES	YES
KAZ77	Tele 2	401	77	T2KZ	Kazakhstan	Primary	World Countries 2	YES	YES	NO
KENSA	Safaricom	639	2	SAFKE	Kenya	Primary	World Countries 1	YES	YES	YES
KORSK	SK Telecom	450	5	SKTKR	Korea, Republic Of	Primary	World Countries 1	YES	YES	YES
KWTMT	Zain	419	2	VFKW	Kuwait	Primary	World Countries 1	YES	YES	YES
LAOLA	Unitel	457	3	UNILA	Lao People's Democratic Republic	Primary	World Countries 3	YES	YES	NO
LVABT	Bite Latvija	247	5	BITLV	Latvia	Primary	European Countries	YES	YES	YES
LSOVL	VODACOM	651	1	VFLS	Lesotho	Primary	World Countries 1	YES	YES	NO
LTUMT	Bite GSM	246	2	BITLT	Lithuania	Primary	European Countries	YES	YES	YES
LUXTG	Tango	270	77	TANLU	Luxembourg	Primary	European Countries	YES	YES	YES
MACSM	SmarTone	455	0	SMAMC	Macau	Primary	World Countries 1	YES	YES	NO
MKDNO	Vip operator	294	3	VIPMK	Macedonia, The Former Yugoslav Republic of	Primary	World Countries 1	YES	YES	YES
MDGCO	Airtel	646	1	ATLMG	Madagascar	Primary	World Countries 1	YES	YES	NO
MWICT	Airtel	650	10	ZAIMW	Malawi	Primary	World Countries 1	YES	YES	NO
MYSCC	Celcom	502	13	CELMY	Malaysia	Primary	World Countries 1	YES	YES	YES
MLI02	Orange	610	2	ORGML	Mali	Primary	World Countries 4	YES	YES	NO
MLTTL	Vodafone	278	1	VFMT	Malta	Primary	Vodafone Countries Europe	YES	YES	YES
MRTMM	Mauritel	609	10	MRTMR	Mauritania	Primary	World Countries 3	YES	YES	NO
MUSEM	Emtel	617	10	EMTMU	Mauritius	Primary	World Countries 2	YES	YES	YES
MEXTL	Telcel	334	20	TCLMX	Mexico	Primary	World Countries 1	YES	YES	YES
MDAUN	Unité	259	5	UNIMD	Moldova	Primary	World Countries 2	YES	YES	YES
MNGMN	Unitel	428	88	UTLMN	Mongolia	Primary	World Countries 1	YES	YES	NO
MNEPM	Telenor	297	1	TNRME	Montenegro	Primary	World Countries 1	YES	YES	YES
MARMT	Medi Telecom	604	0	MEDMA	Morocco	Primary	World Countries 3	YES	YES	YES
MOZVC	Vodacom	643	4	VFMZ	Mozambique	Primary	Vodafone Countries Rest of World	YES	YES	NO
MMRPT	MPT	414	1	MPTMM	Myanmar	Primary	World Countries 4	YES	YES	NO
NAM03	TN Mobile	649	3	TNMNA	Namibia	Primary	World Countries 4	YES	YES	NO
NLDLT	Vodafone	204	4	VFNL	Netherlands	Primary	Vodafone Countries Europe	YES	YES	YES

ANTTC	TelCell	362	51	TLCAN	Netherlands Antilles	Primary	World Countries 2	YES	YES	NO
NZLBS	Vodafone	530	1	VFNZ	New Zealand	Primary	Vodafone Countries Rest of World	YES	YES	YES
NICEN	Claro	710	21	CLRNI	Nicaragua	Primary	World Countries 1	YES	YES	NO
NERCT	Airtel	614	2	ZAINE	Niger	Primary	World Countries 1	YES	YES	NO
NGAMN	MTN	621	30	MTNNG	Nigeria	Primary	World Countries 1	YES	YES	NO
NORTM	Telenor	242	1	TNRNO	Norway, Svalbard and Jan Mayen Islands.	Primary	European Countries	YES	YES	YES
OMNGT	Omantel	422	2	OMBOM	Oman	Primary	World Countries 3	YES	YES	YES
PAKTP	Telenor	410	6	TNRPK	Pakistan	Primary	World Countries 1	YES	YES	NO
PANCL	Claro	714	3	CLRPA	Panama	Primary	World Countries 1	YES	YES	YES
PNGDP	Digicel	537	3	DGCPG	Papua New Guinea	Primary	World Countries 1	YES	YES	NO
PRYHT	Claro	744	2	CLRPY	Paraguay	Primary	World Countries 1	YES	YES	YES
PERN3	Nextel	716	17	NEXPE	Peru	Primary	World Countries 1	YES	YES	YES
PHLSR	SMART Gold	515	3	SMTPH	Philippines	Primary	World Countries 1	YES	YES	YES
POLKM	Plus	260	1	POLPL	Poland	Primary	European Countries	YES	YES	YES
PRTTL	Vodafone	268	1	VFPT	Portugal	Primary	Vodafone Countries Europe	YES	YES	YES
QATB1	Vodafone	427	2	VFQA	Qatar	Primary	Vodafone Countries Rest of World	YES	YES	YES
FRARE	SRR	647	10	SRRRE	Reunion	Primary	World Countries 1	YES	YES	NO
ROMMF	Vodafone	226	1	VFRO	Romania	Primary	Vodafone Countries Europe	YES	YES	YES
RUS01	MTS	250	1	MTSRU	Russian Federation	Primary	World Countries 1	YES	YES	YES
RWATG	Tigo	635	13	TIGRW	Rwanda	Primary	World Countries 1	YES	YES	NO
WSMDP	Digicel	549	1	DGCWS	Samoa	Primary	World Countries 1	YES	YES	NO
SAUZN	Zain	420	4	ZAISA	Saudi Arabia	Primary	World Countries 1	YES	YES	YES
SRBNO	VIP	220	5	VIPRS	Serbia	Primary	World Countries 1	YES	YES	YES
SYCAT	Airtel	633	10	AIRSC	Seychelles	Primary	World Countries 1	YES	YES	NO
SLECT	Airtel	619	1	ATLSL	Sierra Leone	Primary	World Countries 3	YES	YES	NO
SGPSH	StarHub	525	5	SHBSG	Singapore	Primary	World Countries 1	YES	YES	YES
SVKGT	Orange	231	1	ORGSK	Slovakia	Primary	European Countries	YES	YES	YES
SVNMT	Mobitel	293	41	MTLSI	Slovenia and Kosovo	Primary	European Countries	YES	YES	NO
SLBBM	BeMobile	540	2	BMOSB	Solomon Islands	Primary	World Countries 1	YES	YES	NO
ZAFVC	Vodacom	655	1	VFZA	South Africa	Primary	Vodafone Countries Rest of World	YES	YES	YES
SSDZS	Zain	659	6	ZAISS	South Sudan	Primary	World Countries 1	YES	YES	NO
ESPAT	Vodafone	214	1	VFES	Spain	Primary	Vodafone Countries Europe	YES	YES	YES
LKA71	Mobitel	413	1	MOTLK	Sri Lanka	Primary	World Countries 1	YES	YES	YES
SURDC	Digicel	746	3	DGCSR	Suriname	Primary	World Countries 1	YES	YES	NO
SWEEP	Telenor (Net4Mobility)	240	8	TNRSE	Sweden	Primary	European Countries	YES	YES	YES
CHEC1	Swisscom	228	1	SWCCH	Switzerland and Linchenstein	Primary	European Countries	YES	YES	YES
TWNFE	Far EasTone	466	1	FETTW	Taiwan, Province of China	Primary	World Countries 1	NO	YES	YES
TJKBM	Babilon Mobile	436	4	BBLTJ	Tajikistan	Primary	World Countries 2	YES	YES	YES
TZAVC	Vodacom	640	4	VFTZ	Tanzania, United Republic of	Primary	World Countries 1	YES	YES	YES

THACA	Real Future	520	4	RFUTH	Thailand**	Primary	World Countries 1	YES	YES	YES
TGOTL	Moov	615	3	MOVTG	Togo	Primary	World Countries 1	YES	YES	NO
TONDP	Digicel	539	88	DGCTO	Tonga	Primary	World Countries 1	YES	YES	NO
TTODL	Digicel	374	130	DGCTT	Trinidad and Tobago	Primary	World Countries 1	YES	YES	NO
TURTS	Vodafone	286	2	VFTR	Turkey	Primary	Vodafone Countries Rest of World	YES	YES	YES
UGAMN	MTN	641	10	MTNUG	Uganda	Primary	World Countries 1	YES	YES	NO
UKRUM	MTS	255	1	MTSUA	Ukraine	Primary	World Countries 1	YES	YES	NO
AREDU	du	424	3	DUAE	United Arab Emirates	Primary	World Countries 2	YES	YES	YES
GBRVF	Vodafone	234	15	VFUK	United Kingdom	Primary	Vodafone Countries Europe	YES	YES	YES
USAW6	T-Mobile	310	260	TMBUS	United States	Primary	World Countries 1	YES	YES	YES
URYAN	Ancel	748	1	ANCUY	Uruguay	Primary	World Countries 1	YES	YES	YES
UZBDU	Beeline	434	4	BLNUZ	Uzbekistan	Primary	World Countries 1	YES	YES	NO
VUTDP	Digicel	541	5	DGCVU	Vanuatu	Primary	World Countries 1	YES	YES	NO
VENMS	Movistar	734	4	MOVVE	Venezuela	Primary	World Countries 1	YES	YES	NO
VNMVI	Vinaphone	452	2	VINVN	Vietnam	Primary	World Countries 4	YES	YES	NO
YEMSP	MTN	421	2	SPTYE	Yemen	Primary	World Countries 2	YES	NO	NO
ZMBCE	Airtel	645	1	ZAIZM	Zambia	Primary	World Countries 1	YES	YES	NO
ZWEET	Econet Zimbabwe	648	4	ECOZW	Zimbabwe	Primary	World Countries 3	YES	YES	NO

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