

PMN Code	Operator	MNC	MCC	OPCO Code	Country	Network Rank	Roaming Service Area	Launched 20404		
								2G	3G	4G
AUTPT	Mobilkom	232	1	MOBAT	Austria	Primary	European Countries	YES	YES	YES
AUTMM	T-Mobile	232	7	TMBAT	Austria	Secondary	European Countries	YES	YES	YES
AUTCA	Orange	232	5	ONEAT	Austria	Backup	European Countries	YES	YES	YES
BELTB	Proximus	206	1	PRXBE	Belgium	Primary	European Countries	YES	YES	YES
BELMO	Mobistar	206	10	MSTBE	Belgium	Secondary	European Countries	YES	YES	YES
BELKO	Base	206	20	BASBE	Belgium	Backup	European Countries	YES	YES	YES
BGR01	M-Tel	284	1	MTLBG	Bulgaria	Primary	European Countries	YES	YES	YES
BGRCM	Globul	284	5	GLOBG	Bulgaria	Secondary	European Countries	YES	YES	NO
BGRVA	Vivacom	284	3	VCMBG	Bulgaria	Backup	European Countries	YES	YES	YES
HRVVI	VIPnet	219	10	VIPHR	Croatia	Primary	European Countries	YES	YES	YES
HRVT2	Tele2	219	2	T2HR	Croatia	Secondary	European Countries	YES	YES	NO
HRVCN	Croatian Telecom	219	1	TMBHR	Croatia	Backup	European Countries	YES	YES	NO
CYPCT	Cyrtamobile-Vodafone	280	1	CYTCY	Cyprus	Primary	European Countries	YES	YES	YES
CYPSC	MTN	280	10	MTNCY	Cyprus	Secondary	European Countries	YES	YES	NO
CZECM	Vodafone	230	3	VFCZ	Czech Republic	Primary	Vodafone Countries Europe	YES	YES	YES
CZERM	T-Mobile	230	1	TMBCZ	Czech Republic	Secondary	Vodafone Countries Europe	YES	YES	NO
CZEET	O2	230	2	TO2CZ	Czech Republic	Backup	Vodafone Countries Europe	YES	YES	NO
DNKTD	TDC	238	1	TDCDK	Denmark	Primary	European Countries	YES	YES	YES
DNKDM	Telenor	238	2	TNRDK	Denmark	Secondary	European Countries	YES	YES	YES
DNKIA	Telia	238	20	TELDK	Denmark	Backup	European Countries	YES	YES	NO
ESTRE	Elisa	248	2	ELIEE	Estonia	Primary	European Countries	YES	YES	YES
ESTRB	Tele2	248	3	T2EE	Estonia	Secondary	European Countries	YES	YES	YES
ESTEM	EMT	248	1	EMTEE	Estonia	Backup	European Countries	YES	YES	NO
FINRL	Elisa	244	5	ELIFI	Finland	Primary	European Countries	YES	YES	YES
FINTF	Telia Sonera	244	91	SONFI	Finland	Secondary	European Countries	YES	YES	NO
FIN2G	DNA	244	12	DNAFI	Finland	Backup	European Countries	YES	YES	NO
FINAM	Alands Mobiltelefon	244	14	ALNFI	Finland	Backup	European Countries	YES	YES	NO
FRAF2	SFR	208	10	SFRFR	France	Primary	European Countries	YES	YES	YES
FRAF1	Orange	208	1	ORGFR	France	Secondary	European Countries	YES	YES	YES
FRAF3	Bouygues	208	20	BOUFR	France	Backup	European Countries	YES	YES	YES
DEUD2	Vodafone	262	2	VFDE	Germany	Primary	Vodafone Countries Europe	YES	YES	YES
DEUD1	T-Mobile	262	1	TMBDE	Germany	Secondary	Vodafone Countries Europe	YES	YES	NO
DEUE1	E-Plus	262	3	EPLDE	Germany	Backup	Vodafone Countries Europe	NO	NO	NO
DEUE2	O2	262	7	O2DE	Germany	Backup	Vodafone Countries Europe	YES	YES	NO
GRCPF	Vodafone	202	5	VFGR	Greece	Primary	Vodafone Countries Europe	YES	YES	YES
GRCCO	Cosmote	202	1	COSGR	Greece	Secondary	Vodafone Countries Europe	YES	YES	NO
GRCSH	Wind	202	10	WINGR	Greece	Backup	Vodafone Countries Europe	YES	YES	NO
HUNVR	Vodafone	216	70	VFHU	Hungary	Primary	Vodafone Countries Europe	YES	YES	YES

HUNH1	Telenor	216	1	TNRHU	Hungary	Secondary	Vodafone Countries Europe	YES	YES	NO
HUNH2	T-Mobile	216	30	TMBHU	Hungary	Backup	Vodafone Countries Europe	YES	NO	NO
IRLEC	Vodafone	272	1	VFIE	Ireland	Primary	Vodafone Countries Europe	YES	YES	YES
IRLDF	O2	272	2	O2IE	Ireland	Secondary	Vodafone Countries Europe	YES	YES	NO
ITAOM	Vodafone	222	10	VFIT	Italy, San Marino and Vatican	Primary	Vodafone Countries Europe	YES	YES	YES
ITASI	TIM	222	1	TIMIT	Italy, San Marino and Vatican	Secondary	Vodafone Countries Europe	YES	YES	NO
LVABT	Bite Latvija	247	5	BITLV	Latvia	Primary	European Countries	YES	YES	YES
LVABC	Tele2	247	2	T2LV	Latvia	Secondary	European Countries	YES	YES	YES
LVALM	LMT	247	1	LMTLV	Latvia	Backup	European Countries	YES	YES	NO
LIEMK	Mobilkom	295	5	MOBLI	Liechtenstein	Secondary	European Countries	YES	YES	NO
LTUMT	Bite GSM	246	2	BITLT	Lithuania	Primary	European Countries	YES	YES	YES
LTU03	Tele 2	246	3	T2LT	Lithuania	Secondary	European Countries	YES	YES	YES
LTUOM	Omnitel	246	1	OMTLT	Lithuania	Backup	European Countries	YES	YES	NO
LUXTG	Tango	270	77	TANLU	Luxembourg	Primary	European Countries	YES	YES	YES
LUXVM	Orange	270	99	VOXLU	Luxembourg	Secondary	European Countries	YES	YES	NO
LUXPT	LUXGSM	270	1	PTLLU	Luxembourg	Backup	European Countries	YES	YES	YES
MLTTL	Vodafone	278	1	VFMT	Malta	Primary	Vodafone Countries Europe	YES	YES	YES
MLTMM	Melita Mobile Ltd.	278	77	MLTMT	Malta	Secondary	Vodafone Countries Europe	YES	YES	NO
MLTGO	go mobile	278	21	GOMT	Malta	Backup	Vodafone Countries Europe	YES	YES	NO
MCOM2	Monaco Telecom	212	2	TLCMC	Monaco	Backup	European Countries	YES	YES	YES
MCOM1	Monaco Telecom	212	2	TLCMC	Monaco and Kosovo	Backup	European Countries	YES	YES	NO
NLDLT	Vodafone	204	4	VFNL	Netherlands	Primary	Vodafone Countries Europe	YES	YES	YES
NLDPN	T-Mobile	204	16	TMONL	Netherlands	Secondary	Vodafone Countries Europe	NO	NO	NO
NLDPT	KPN	204	8	KPNNL	Netherlands	Backup	Vodafone Countries Europe	NO	NO	NO
NORNC	Netcom	242	2	NETNO	Norway	Secondary	European Countries	YES	YES	NO
NORTM	Telenor	242	1	TNRNO	Norway, Svalbard and Jan Mayen Islands.	Primary	European Countries	YES	YES	YES
POLKM	Plus	260	1	POLPL	Poland	Primary	European Countries	YES	YES	YES
POL03	Orange	260	3	ORGPL	Poland	Secondary	European Countries	YES	YES	YES
POL02	Era	260	2	ERAPL	Poland	Backup	European Countries	YES	YES	NO
POLP4	Play	260	6	PLAPL	Poland	Backup	European Countries	YES	YES	YES
PRTTL	Vodafone	268	1	VFPT	Portugal	Primary	Vodafone Countries Europe	YES	YES	YES
PRTTM	TMN	268	6	TMNPT	Portugal	Secondary	Vodafone Countries Europe	YES	YES	NO
ROMMF	Vodafone	226	1	VFRO	Romania	Primary	Vodafone Countries Europe	YES	YES	YES
ROMMR	Orange	226	10	ORGRO	Romania	Secondary	Vodafone Countries Europe	YES	YES	NO
ROM05	DigiMobil	226	5	DGIRO	Romania	Backup	Vodafone Countries Europe	YES	YES	NO
ROMCS	Cosmote	226	3	TLKRO	Romania	Backup	Vodafone Countries Europe	YES	YES	NO
SVKGT	Orange	231	1	ORGSK	Slovakia	Primary	European Countries	YES	YES	YES
SVKET	T-Mobile	231	2	TMBSK	Slovakia	Secondary	European Countries	YES	YES	NO
SVNSM	SI Mobil	293	40	VFSI	Slovenia	Secondary	European Countries	YES	YES	YES
SVNVG	Tusmobil	293	70	TUSSI	Slovenia	Backup	European Countries	YES	YES	NO

SVNMT	Mobitel	293	41	MTLSI	Slovenia and Kosovo	Primary	European Countries	YES	YES	NO
ESPAT	Vodafone	214	1	VFES	Spain	Primary	Vodafone Countries Europe	YES	YES	YES
ESPTE	Movistar	214	7	MVSES	Spain	Secondary	Vodafone Countries Europe	YES	YES	NO
ESPRT	Orange	214	3	AMNES	Spain	Backup	Vodafone Countries Europe	YES	YES	NO
SWEEP	Telenor (Net4Mobility)	240	8	TNRSE	Sweden	Primary	European Countries	YES	YES	YES
SWEIQ	Tele 2 (Net4Mobility)	240	7	T2SE	Sweden	Secondary	European Countries	YES	YES	YES
SWETR	TeliaSonera	240	1	TSMSE	Sweden	Backup	European Countries	YES	YES	NO
CHEDX	Sunrise	228	2	SUNCH	Switzerland	Secondary	European Countries	YES	YES	YES
CHEC1	Swisscom	228	1	SWCCH	Switzerland and Linchenstein	Primary	European Countries	YES	YES	YES
GBRVF	Vodafone	234	15	VFUK	United Kingdom	Primary	Vodafone Countries Europe	YES	YES	YES
GBRCN	O2	234	10	O2UK	United Kingdom	Backup	Vodafone Countries Europe	YES	YES	NO

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