

PMN Code	Operator	MNC	MCC	OPCO Code	Country	Network Rank	Roaming Service Area	Launched 20404		
								2G	3G	4G
ALBVF	Vodafone	276	2	VFAL	Albania	Primary	Vodafone Countries Rest of World	YES	YES	YES
ALBEM	Eagle	276	3	EAGAL	Albania	Backup	Vodafone Countries Rest of World	YES	YES	NO
AUSVF	Vodafone	505	3	VFAU	Australia	Primary	Vodafone Countries Rest of World	NO	YES	YES
AUSOP	Optus	505	2	OPSAU	Australia	Secondary	Vodafone Countries Rest of World	NO	YES	YES
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
CODVC	Vodacom, Congo	630	1	VFCD	Democratic Republic of Congo	Primary	Vodafone Countries Rest of World	YES	YES	NO
CODCT	Zain Congo DR	630	2	ZAICD	Democratic Republic of Congo	Secondary	Vodafone Countries Rest of World	YES	YES	NO
EGYMS	Vodafone	602	2	VFEG	Egypt	Primary	Vodafone Countries Rest of World	YES	YES	NO
EGYEM	Etisalat	602	3	ETIEG	Egypt	Secondary	Vodafone Countries Rest of World	YES	YES	NO
EGYAR	MobiNil	602	1	MNLEG	Egypt	Backup	Vodafone Countries Rest of World	YES	NO	NO
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
GHAGT	Vodafone	620	2	VFGH	Ghana	Primary	Vodafone Countries Rest of World	YES	YES	NO
GHASC	MTN	620	1	MTNGH	Ghana	Secondary	Vodafone Countries Rest of World	YES	YES	NO
GHAMT	Tigo	620	3	TIGGH	Ghana	Backup	Vodafone Countries Rest of World	YES	YES	NO
GHAZN	Airtel	620	6	ZAIGH	Ghana	Backup	Vodafone Countries Rest of World	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
IND07	Idea	404	7	IDLIN	India (Andhra Pradesh)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDIB	Idea	405	70	IDAIN	India (Bihar & Jharkhand)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDID	Idea	404	4	IDCIN	India (Delhi & NCR)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDE1	Vodafone	404	11	VFIN	India (Delhi)	Primary	Vodafone Countries Rest of World	YES	YES	YES
INDDL	MTNL Dolphin	404	68	DL1IN	India (Delhi)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDBI	Idea	404	24	IDMIN	India (Gujarat)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDEH	Idea	404	12	IDBIN	India (Haryana)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDIH	Idea	404	82	IDHIN	India (Himachal Pradesh)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDSK	Idea	404	44	IDPIN	India (Karnataka)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDEK	Idea	404	19	IDKIN	India (Kerala)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDIK	Idea	405	848	IDNIN	India (Kolkata)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDMP	Idea	404	78	IDEIN	India (Madhya Pradesh & Chattishgarh)	Backup	Vodafone Countries Rest of World	YES	YES	NO

INDBO	Idea	404	22	IDQIN	India (Maharashtra & Goa)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDIM	Idea	405	799	IDFIN	India (Mumbai)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDA9	AirTel	404	2	BARIN	India (punjab)	Backup	Vodafone Countries Rest of World	YES	YES	YES
INDSP	Idea	404	14	IDGIN	India (Punjab)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDIR	Idea	404	87	IDRIN	India (Rajasthan)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDIT	Idea	405	852	IDOIN	India (Tamil Nadu)	Backup	Vodafone Countries Rest of World	YES	NO	NO
INDIU	Idea	404	89	IDJIN	India (Uttar Pradesh East)	Backup	Vodafone Countries Rest of World	YES	YES	NO
INDEU	Idea	404	56	IDDIN	India (Uttar Pradesh West)	Backup	Vodafone Countries Rest of World	YES	YES	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
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
MOZVC	Vodacom	643	4	VMZ	Mozambique	Primary	Vodafone Countries Rest of World	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
NZLBS	Vodafone	530	1	VFNZ	New Zealand	Primary	Vodafone Countries Rest of World	YES	YES	YES
NZLTM	XT Mobile	530	5	XTMNZ	New Zealand	Secondary	Vodafone Countries Rest of World	YES	YES	NO
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
QATB1	Vodafone	427	2	VFQA	Qatar	Primary	Vodafone Countries Rest of World	YES	YES	YES
QATQT	Q-Tel	427	1	QTLQA	Qatar	Secondary	Vodafone Countries Rest of World	YES	YES	YES
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
ZAFVC	Vodacom	655	1	VFZA	South Africa	Primary	Vodafone Countries Rest of World	YES	YES	YES
ZAFMN	MTN	655	10	MTNZA	South Africa	Secondary	Vodafone Countries Rest of World	YES	YES	NO
ZAFCC	Cell C	655	7	CLCZA	South Africa	Backup	Vodafone Countries Rest of World	YES	YES	NO
ESPAT	Vodafone	214	1	VFES	Spain	Primary	Vodafone Countries Europe	YES	YES	YES
ESPTA	Movistar	214	7	MVSES	Spain	Secondary	Vodafone Countries Europe	YES	YES	NO
ESPR	Orange	214	3	AMNES	Spain	Backup	Vodafone Countries Europe	YES	YES	NO
TURTS	Vodafone	286	2	VFTR	Turkey	Primary	Vodafone Countries Rest of World	YES	YES	YES
TURIS	AVEA	286	3	AVETR	Turkey	Secondary	Vodafone Countries Rest of World	YES	YES	NO
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