

PMN Code	Operator	MNC	MCC	OPCO Code	Country	Network Rank	Roaming Service Area	Launched		
								2G	3G	4G
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
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
MLTTL	Vodafone	278	1	VFMT	Malta	Primary	Vodafone Countries Europe	YES	YES	YES
MLTMM	Melita Mobile	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
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
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
ESPAT	Vodafone	214	1	VFES	Spain	Primary	Vodafone Countries Europe	YES	YES	YES
ESPTTE	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
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

2020 04