Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Commercial Grade for Signal Line	MMZ0402	MMZ0402S100CT000	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402S700CT000	|Z|=70Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402S121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402S151CT000	|Z|=150Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402S241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402Y750CT000	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0402	MMZ0402D220CT000	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S100CT000	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S800CT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S471CT000	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603S601CT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603Y750CT000	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603Y121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603Y241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603Y471CT000	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603Y601CT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603D330CT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603D470CT000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603D560CT000	|Z|=56Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603D800CT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603D121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603F100CT000	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603F220CT000	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603	MMZ0603F330CT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S800HT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S121HT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S241HT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S471HT000	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S601HT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-H	MMZ0603S102HT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603S121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603S241ET000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603S601ET000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603S102ET000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A241ET000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A331ET000	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A471ET000	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A601ET000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603A102ET000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603D330ET000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603D470ET000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603D121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603D161ET000	|Z|=160Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603F560ET000	|Z|=56Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-E	MMZ0603F750ET000	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ0603-V	MMZ0603AFY560VT000	|Z|=56Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Signal Line	MMZ1005	MMZ1005B800CT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005B121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005B601CT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005S800CT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005S121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005S241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005S601CT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005S102CT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y400CT000	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y800CT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y301CT000	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y471CT000	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y601CT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y102CT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y152CT000	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005Y182CT000	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D100CT000	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D220CT000	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D330CT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D680CT000	|Z|=68Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005D241CT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005F330CT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005F470CT000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005	MMZ1005F560CT000	|Z|=56Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-H	MMZ1005S800HT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-H	MMZ1005S121HT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓

Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Commercial Grade for Signal Line	MMZ1005-H	MMZ1005S241HT000	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-H	MMZ1005S601HT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-H	MMZ1005S102HT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005S601ET000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005S102ET000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005S182ET000	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005A601ET000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005A102ET000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005A152ET000	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005A182ET000	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005A222ET000	|Z|=2200Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005D121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005D221ET000	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005F470ET000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005F750ET000	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005F121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005F181ET000	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-E	MMZ1005F221ET000	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1005-V	MMZ1005AFZ750VT000	|Z|=75Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Signal Line	MMZ1005-V	MMZ1005AFZ151VT000	|Z|=150Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Signal Line	MMZ1005-V	MMZ1005AFZ181VT000	|Z|=180Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Signal Line	MMZ1608	MMZ1608B121CTAH0	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608B221CTAH0	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608B301CTAH0	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608B471CTAH0	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608B601CTAH0	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608B102CTA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R150ATA00	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R300ATA00	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R600ATA00	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R121ATA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R301ATA00	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R471ATA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R601ATA00	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608R102ATA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S400ATA00	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S800ATA00	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S121ATA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S181ATA00	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S221ATA00	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S301ATA00	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S471ATA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S601ATA00	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S102ATA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608S202ATA00	|Z|=2000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y150BTA00	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y300BTA00	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y600BTA00	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y121BTA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y221BTA00	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y301BTA00	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y471BTA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y601BTA00	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y751BTA00	|Z|=750Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y102BTA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Y152BTA00	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608A182BTA00	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608A222BTA00	|Z|=2200Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608A252BTA00	|Z|=2500Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q121BTA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q221BTA00	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q331BTA00	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q471BTA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q601BTA00	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608Q102BTA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D050CTA00	|Z|=5Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D100CTAH0	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D220CTAH0	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D500CTAH0	|Z|=50Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D800CTAH0	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D800BTA00	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D121CTAH0	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D121BTA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D241CTA00	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608D301BTA00	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608F030BTA00	|Z|=3Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608F470BTA00	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ1608	MMZ1608F750BTA00	|Z|=75Ω at 100MHz	✓	✓	✓	✓

Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Commercial Grade for Signal Line	MMZ1608	MMZ1608F121BTA00	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R150AT000	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R300AT000	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R600AT000	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R121AT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R301AT000	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R601AT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012R102AT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S400AT000	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S800AT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S121AT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S181AT000	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S301AT000	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S601AT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012S102AT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y150BT000	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y300BT000	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y600BT000	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y121BT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y301BT000	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y601BT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y102BT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y152BT000	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012Y202BT000	|Z|=2000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012D800BT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012D121BT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Signal Line	MMZ2012	MMZ2012D301BT000	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603	MPZ0603S220CT000	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603	MPZ0603S330CT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603	MPZ0603S470CT000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603-H	MPZ0603S220HT000	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603-H	MPZ0603S330HT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603-H	MPZ0603S800HT000	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ0603-H	MPZ0603S121HT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005	MPZ1005S100CT000	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005	MPZ1005S300CT000	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005	MPZ1005S600CT000	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005	MPZ1005S121CT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005	MPZ1005Y900CT000	|Z|=90Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-H	MPZ1005S330HT000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-H	MPZ1005S900HT000	|Z|=90Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-H	MPZ1005S121HT000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-H	MPZ1005S181HT000	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-H	MPZ1005S221HT000	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005S121ET000	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005S221ET000	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005S331ET000	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005A151ET000	|Z|=150Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005A331ET000	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005D330ET000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005D750ET000	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005F330ET000	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-E	MPZ1005F470ET000	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1005-V	MPZ1005AFZ150VT000	|Z|=15Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Power Line	MPZ1005-V	MPZ1005AFZ300VT000	|Z|=30Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Power Line	MPZ1005-N	MPZ1005AFZ100NT000	|Z|=10Ω at 100MHz	✓	✓	✓	ask us
Commercial Grade for Power Line	MPZ1608	MPZ1608B471ATA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608R391ATA00	|Z|=390Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S260ATAH0	|Z|=26Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S300ATAH0	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S600ATAH0	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S101ATAH0	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S121ATAH0	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S181ATAH0	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S221ATA00	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S331ATA00	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S471ATA00	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S601ATA00	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608S102ATA00	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608Y600BTA00	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608Y101BTA00	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608Y151BTA00	|Z|=150Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608Y221BTA00	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608D300BTA00	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608D600BTA00	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ1608	MPZ1608D101BTA00	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ2012	MPZ2012S300AT000	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ2012	MPZ2012S101AT000	|Z|=100Ω at 100MHz	✓	✓	✓	✓

Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Commercial Grade for Power Line	MPZ2012	MPZ2012S221AT000	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ2012	MPZ2012S331AT000	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ2012	MPZ2012S601AT000	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Commercial Grade for Power Line	MPZ2012	MPZ2012S102AT000	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S100CTD25	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S800CTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S471CTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603S601CTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603Y750CTD25	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603Y121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603Y241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603Y471CTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603Y601CTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603D330CTD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603D470CTD25	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603D560CTD25	|Z|=56Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603D800CTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603D121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603F100CTD25	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603F220CTD25	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603	MMZ0603F330CTD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S800HTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S121HTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S241HTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S471HTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S601HTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ0603-H	MMZ0603S102HTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005B800CTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005B121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005B601CTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005S800CTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005S121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005S241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005S601CTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005S102CTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y400CTD25	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y800CTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y301CTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y471CTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y601CTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y102CTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y152CTD25	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005Y182CTD25	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D100CTD25	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D220CTD25	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D330CTD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D680CTD25	|Z|=68Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005D241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005F330CTD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005F470CTD25	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005	MMZ1005F560CTD25	|Z|=56Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-H	MMZ1005S800HTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-H	MMZ1005S121HTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-H	MMZ1005S241HTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-H	MMZ1005S601HTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-H	MMZ1005S102HTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005S601ETD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005S102ETD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005S182ETD25	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005A601ETD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005A102ETD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005A152ETD25	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005A182ETD25	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005A222ETD25	|Z|=2200Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005D121ETD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005D221ETD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005F470ETD25	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005F750ETD25	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005F121ETD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005F181ETD25	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1005-E	MMZ1005F221ETD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608B121CTDH5	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608B221CTDH5	|Z|=220Ω at 100MHz	✓	✓	✓	✓

Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Automotive Grade for Signal Line	MMZ1608	MMZ1608B301CTDH5	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608B471CTDH5	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608B601CTDH5	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608B102CTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R150ATD25	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R300ATD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R600ATD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R301ATD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R471ATD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608R102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S400ATD25	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S800ATD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S181ATD25	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S221ATD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S301ATD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S471ATD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608S202ATD25	|Z|=2000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y150BTD25	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y300BTD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y600BTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y221BTD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y301BTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y471BTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y601BTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y751BTD25	|Z|=750Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y102BTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Y152BTD25	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608A182BTD25	|Z|=1800Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608A222BTD25	|Z|=2200Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608A252BTD25	|Z|=2500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q221BTD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q331BTD25	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q471BTD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q601BTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608Q102BTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D050CTD25	|Z|=5Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D100CTDH5	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D220CTDH5	|Z|=22Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D500CTDH5	|Z|=50Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D800CTDH5	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D800BTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D121CTDH5	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608D301BTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608F030BTD25	|Z|=3Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608F470BTD25	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608F750BTD25	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ1608	MMZ1608F121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R150ATD25	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R300ATD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R600ATD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R301ATD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012R102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S400ATD25	|Z|=40Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S800ATD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S181ATD25	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S301ATD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012S102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y150BTD25	|Z|=15Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y300BTD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y600BTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y301BTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y601BTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y102BTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y152BTD25	|Z|=1500Ω at 100MHz	✓	✓	✓	✓

Group	Series, Type	Part No.	Property	S-parameter	Equivalent Circuit Model		
					Simple Model		Precise Model
				Touch-stone	PDF	SPICE	SPICE
Automotive Grade for Signal Line	MMZ2012	MMZ2012Y202BTD25	|Z|=2000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012D800BTD25	|Z|=80Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012D121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	MMZ2012	MMZ2012D301BTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608BHR601CTDH5	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608BHR102CTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608RHR600ATD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608RHR121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608RHR601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608RHR102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608SHR121ATD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608SHR601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608SHR102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR600BTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR121BTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR301BTD25	|Z|=300Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR601BTD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR102BTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608YHR152BTD25	|Z|=1500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608AHR252BTD25	|Z|=2500Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608DHR500CTDH5	|Z|=50Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608DHR121CTDH5	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Signal Line	KMZ1608-HR	KMZ1608DHR241CTD25	|Z|=240Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005	MPZ1005S100CTD25	|Z|=10Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005	MPZ1005S300CTD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005	MPZ1005S600CTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005	MPZ1005S121CTD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005	MPZ1005Y900CTD25	|Z|=90Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005S121ETD25	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005S221ETD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005S331ETD25	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005A151ETD25	|Z|=150Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005A331ETD25	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005D330ETD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005D750ETD25	|Z|=75Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005F330ETD25	|Z|=33Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1005-E	MPZ1005F470ETD25	|Z|=47Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608B471ATD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608R391ATD25	|Z|=390Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S260ATDH5	|Z|=26Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S300ATDH5	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S600ATDH5	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S101ATDH5	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S121ATDH5	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S181ATDH5	|Z|=180Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S221ATD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S331ATD25	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S471ATD25	|Z|=470Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608S102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608Y600BTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608Y101BTD25	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608Y151BTD25	|Z|=150Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608Y221BTD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608D300BTD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608D600BTD25	|Z|=60Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ1608	MPZ1608D101BTD25	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S300ATD25	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S101ATD25	|Z|=100Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S221ATD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S331ATD25	|Z|=330Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012	MPZ2012S102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	MPZ2012-J	MPZ2012S102JTD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	KPZ1608-HR	KPZ1608SHR300ATDH5	|Z|=30Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	KPZ1608-HR	KPZ1608SHR121ATDH5	|Z|=120Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	KPZ1608-HR	KPZ1608SHR221ATD25	|Z|=220Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	KPZ1608-HR	KPZ1608SHR601ATD25	|Z|=600Ω at 100MHz	✓	✓	✓	✓
Automotive Grade for Power Line	KPZ1608-HR	KPZ1608SHR102ATD25	|Z|=1000Ω at 100MHz	✓	✓	✓	✓