

Semi-Rigid Coaxial Cable Design Parameter Worksheet

PART NUMBER BUILDER

The UT part number designation is easy to understand because it is simple and short, especially for standard cable. Some part numbers for standard cable have been shortened. Materials for component parts are indicated under individual cable specifications.



Code	Code Outer Diameter
Value	Nominal diameter in thousandths of an inch; always three digits.

Code	Inner Conductor Material
No Entry or A	Silver-Plated Copper Weld (SPCW)
AL	Aluminum Alloy 1100
B	Silver-Plated Beryllium Copper
C	Silver-Plated Copper (SPC)
SS	Stainless Steel Alloy 304

Code	Character Impedance
No Entry	50 Ω
Value	Nominal Impedance in Ω

Code	Miscellaneous
No Entry	PTFE
ULL	Ultra-Low-Density
DS	Dimensionally Stable PTFE
F	FEP Insulation Jacket
LL	Low-Density PTFE
M	Low Dielectric Compression PTFE
M17	MIL-DTL-17 QPL Cable
TYPE	Coiled Length

Code	Outer Conductor Finish
No Entry	No Plating
ED9010	Solder Plating (90% Tin / 10% Lead)
SP	Silver Plating
TP	Tin Plating

Code	Outer Conductor Material
No Entry	Copper
AL	Aluminum Alloy 1100
CuSS	Copper/Stainless Steel Composite
SS	Stainless Steel Alloy 304

Additional descriptors where noted:

- H=Hard Jacket
- STR=Stranded Center Conductor