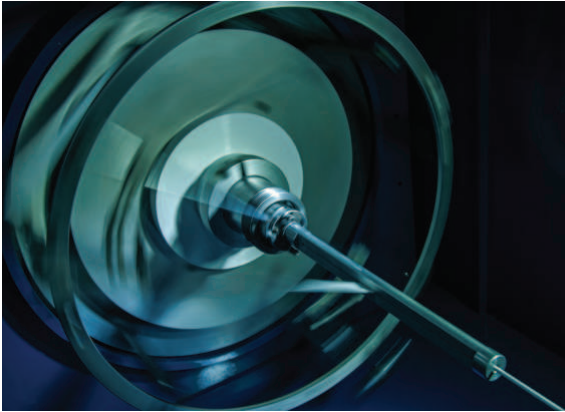


Coax Cable Technologies

Coax cable's materials and process take a big portion for cable performance, FocuSimple has a professional team who well understood the materials and process of coax cable. we select the best materials and the most advanced production technology, plus constant temperature and humidity work shop, so we can provide the high quality, high consistent and high performance products to serve your needs.



Center Conductor

FocuSimple defines the materials specification by following ASTM standard and the standard center conductor as below,

Solid SPC - Low loss, High power

Stranded SPC - Flexible, Phase stable

Bare Copper - Low cost



Dielectric

FocuSimple well understands the dielectric materials is very critical for coax cable, the materials' dielectric constant, dissipation factor and temperature property will decide the coax cable class. we select the world class materials as our dielectric materials as below:

Solid PTFE – Temp(-65° to 125°); VoP(70%)

ND-PTFE – Temp(-65° to 200°); VoP(76%)

LD-PTFE – Temp(-65° to 165°); VoP(83%)

Foam FEP – Temp(-65° to 150°); VoP(83%)



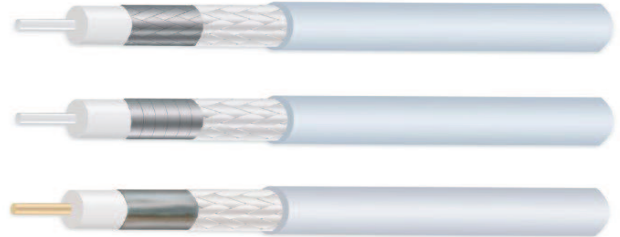
Out Conductor

Focusimple can provide three types of outer conductors and each of them present the high level of industry.

SPC Ribbon Braid - Low loss, long bending life ,

SPC Tape Helical - Ultra low loss,Phase&Attenuation stable

Aluminum Folded tape - Low cost, low loss



Shielding

Ribbon braid+polyemide foil+round braid

- Tri-shielding,high torque resistance, mechanically strong

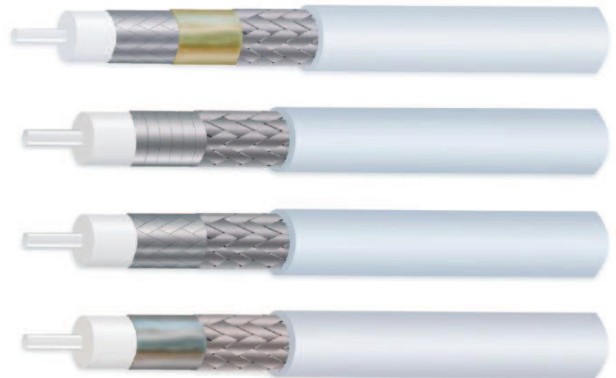
Helical SPC tape+round braid

- 100% coverage, phase stable vs flexure

Ribbon braid/Helical SPC tape+Ribbon braid

- Light weight, Flexible

Folded Aluminum Tape+round braid



Jacket

FocuSimple uses Dupont's FEP as jacket materials by default, the PFA,ETFE and TPE are available base on customer requirements ,

FEP – High temperature (-65 to 200°C),

