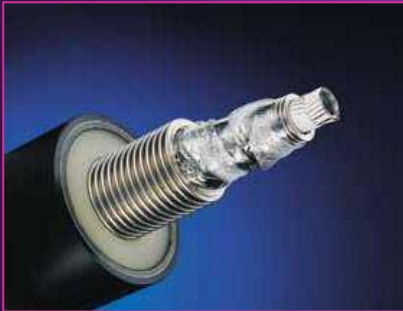


Principal HTS Cable Architectures

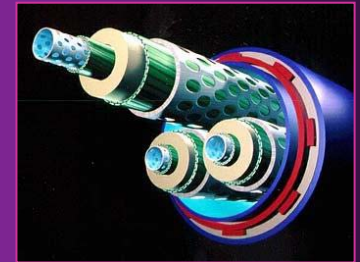
Single Core Warm Dielectric



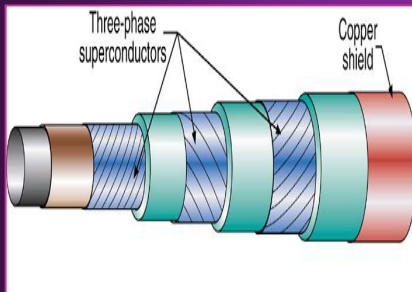
- Single, unshielded HTS conductor
- Conventional impedance
- Urban retrofit installations
- Demonstrated to 115 kV

“Triplex” Distribution Cold Dielectric

- Three HTS conductors, each with HTS shield
- Very Low Impedance (VLI)
- Urban distribution & sub-transmission installations
- Demonstrated to 69 kV



Triaxial Distribution Cold Dielectric



- Three concentric HTS conductors with copper shield
- Very Low Impedance (VLI)
- Urban distribution installations
- Demonstrated to 13.4 kV

Coaxial Transmission Cold Dielectric

- Single HTS conductor with HTS shield
- Very Low Impedance (VLI)
- High-capacity transmission installations
- Demonstrated to 138 kV

