



Coaxial Cable | Mil-C-17

Description

Mil-C-17 is a general specification for flexible or semi-rigid cable with solid or semi-solid dielectric cores intended for use as transmission line to conduct power intermittently or continuously. They are designed for low-loss, stable transmission from relatively low frequency through to higher frequencies such as microwave or radar. Mil-C-17 covers many different types of coaxial cable. Mil-C-17 cables are manufactured and supplied for qualified parts listing (QPL) for Government and Defense Bids ensuring the same quality regardless of manufacturer.

Construction

- **Inner Conductor:**
Copper Clad Steel (CCS); Tinned Copper (TC), Bare Copper (BC), Silver Plated Copper (SC); Silver Plated Copper Clad Steel (SCCS); Copper Clad Alloy (CCA); etc.
- **Dielectric:**
Selection chart for specific designs
Polyethylene (PE); Polytetrafluoroethylene (PTFE);etc.
- **Shield:**
Bare Copper (BC); Tinned Copper (TC); Silver Plated Copper (SC);etc.
- **Jacket:**
Cross-linked Polyolefin (XLPO), Armoured XLPO, fluorinated ethylene propylene (FEP); Polytetrafluoroethylene (PTFE); Perfluoroalkoxy Polymer (PFA);etc.

Approvals

Mil-C-17/ Mil-DTL-17
UL Available

Temperature Rating

-55°C to + 200°C

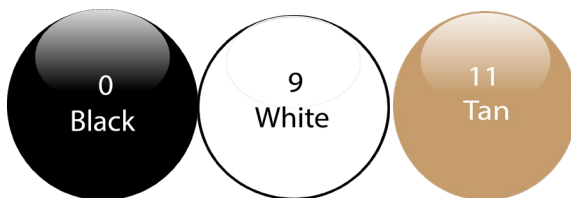
Application

Largely for Military or Commercial use.
Versatile uses such as secure communications, radar systems, ground support equipment etc..

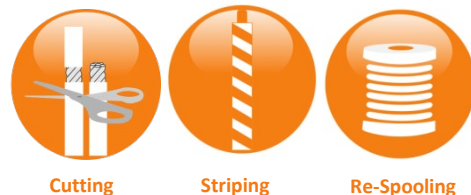
Voltage Rating

300 to 11000 volts

Color Codes



Value Added Services



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