



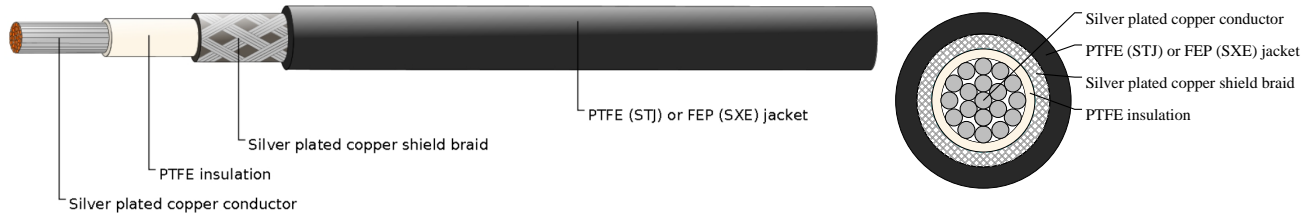
# Caledonian

Military Cables

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## STJ(SEX) Cables – PTFE(FEP) Tape Jacket Over Shield 1C16AWG



### APPLICATIONS

These PTFE insulated MIL-W-16878D shielded PTFE cables are used in electronic equipment. This cables are resistant to acids, alkalis, oil, flame, moisture, solvents and fungus.

### VOLTAGE RATING

600V

### CABLE CONSTRUCTION

Conductor: stranded silver plated copper(also available nickel plated copper)

Insulation: Type E extruded PTFE

Insulation Wall Thickness: 0.006"

Shield: Braided silver plated copper shield (85% Coverage)

Jacket: Tape wrapped PTFE (STJ) or Extruded FEP (SXE) Jacket (White preferred)

### COLOUR CODE

Standard Color Code: 1: White; 2: Black; 3: Red; 4: Green; 5:Yellow; 6:Blue

### PHYSICAL AND THERMAL PROPERTIES

Temperature Range: -65°C to +200°C

(Nickel-plated conductors PTFE jacket: 260°C)

(Nickel-plated conductors FEP jacket: 200°C)

### DIMENSION AND PARAMETERS

| No. of Conductor | AWG Size | Conductor Stranding | Shield Diameter | Shield Diameter | Approx. Overall Diameter | Approx. Overall Diameter | Approx. Weight |
|------------------|----------|---------------------|-----------------|-----------------|--------------------------|--------------------------|----------------|
|                  |          |                     | in              | mm              | in                       | mm                       | LBS/MFT        |
| 1                | 16       | 19/29               | 0.1             | 2.54            | 0.117                    | 2.972                    | 17             |