



Caledonian

Military Cables

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STJ(SEX) Cables – PTFE(FEP) Tape Jacket Over Shield 3C12AWG



APPLICATIONS

These PTFE insulated MIL-W-16878D shielded PTFE cables are used in electronic equipment. These 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
3	12	19/25	0.247	6.274	0.273	6.934	94