



# STJ – Type E, PTFE, 600V, 200°C

## Silver Braid Shielded

### Description

Sycor's STJ cable is primarily used within military and aerospace applications. Fit for use in environments up to 200°C, or as low as -65°C, this product also has a low dielectric constant, flexibility, and a resistance to chemicals and flames.

### Construction

Type E Inners  
Stranded Silver Plated Copper Conductor  
Extruded Polytetrafluoroethylene (PTFE)  
Silver Plated Copper Braid 85% Coverage  
PTFE Tape Wrapped Jacket

### Approvals

VW-1 flame test  
NEMA HP-3  
Mil-w-16878

### Temperature Rating

-65°C to 200°C

### Voltage Rating

600 Volts

Additional products with voltage ratings of 250V and 1kV may also be available upon request

### Application

STJ is typically used for the internal wiring of electric and electronic equipment with requirements for both high and low temperatures. Additionally, this product's rugged construction, low dielectric constant, good flexibility/flex life, and a resistance to chemicals make a great product to consider when product longevity and deterioration are prominent factors.

### Alternative Product:

MIL-W-16878/4, Type E, NEMA HP-3

Sycor Part No	Number of Conductors	Size AWG	Stranding	Insulation & Jacket		Nominal O.D	
				inches	mm	inches	mm
STJ1C2607SS	1	26	7	0.01	0.254	0.079	2.007
STJ2C2607SS	2	26	7	0.01	0.254	0.112	2.845
STJ3C2607SS	3	26	7	0.01	0.254	0.126	3.200
STJ4C2607SS	4	26	7	0.01	0.254	0.135	3.429
STJ1C2419SS	1	24	19	0.01	0.254	0.082	2.083
STJ2C2419SS	2	24	19	0.01	0.254	0.13	3.302
STJ3C2419SS	3	24	19	0.01	0.254	0.137	3.480
STJ4C2419SS	4	24	19	0.01	0.254	0.148	3.759
STJ1C2219SS	1	22	19	0.01	0.254	0.088	2.235
STJ2C2219SS	2	22	19	0.01	0.254	0.142	3.607
STJ3C2219SS	3	22	19	0.01	0.254	0.15	3.810
STJ4C2219SS	4	22	19	0.01	0.254	0.163	4.140
STJ1C2019SS	1	20	19	0.01	0.254	0.096	2.438
STJ2C2019SS	2	20	19	0.01	0.254	0.158	4.013
STJ3C2019SS	3	20	91	0.01	0.254	0.167	4.242
STJ4C2019SS	4	20	19	0.01	0.254	0.182	4.623
STJ1C1819SS	1	18	19	0.01	0.254	0.111	2.819
STJ2C1819SS	2	18	19	0.01	0.254	0.18	4.572
STJ3C1819SS	3	18	19	0.01	0.254	0.191	4.851
STJ4C1819SS	4	18	19	0.01	0.254	0.209	5.309



*Additional strandings and gauges available upon request. Please contact us to enquire.*

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