

**TYPE E CABLES
SHIELDED PTFE CABLES
NEMA HP3 Type E
Components**

Conductors:

- Stranded silver-plated copper
- Color-coded extruded PTFE insulation (NEMA HP3 Type E - see page B-21 for full spec)

Shield:

- Silver-plated copper braid (85% coverage is standard; 90% coverage available upon request)

Jacket:

- STJ: PTFE tape, white
- SFJ: Extruded FEP, white

Voltage rating: 600 volts

Temperature rating: -55°C to +200°C

Features: Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus



Customization is our specialty!

Choose:

- **Inners:** Type E, EE, or ET
- **Number of conductors**
- **Jacket color**
- **Color code** (For inner conductors)
- **Braid Material:** Silver-plated or nickel-plated copper

Visit our **Custom Cable Design Center**
www.awcwire.com

Standard Color Code Chart:

NO. OF COND.	COLOR
1	White
2	Black
3	Red
4	Green
5	Yellow
6	Blue

PTFE TAPE WRAPPED JACKET OVER SHIELD

ALLIED PART NO.	AWG SIZE	NO. OF COND.	CONDUCTOR STRAND.	NOMINAL O.D. OF FINISHED CABLE
STJ 26/1	26	1	19/38	0.076
STJ 26/2	26	2	19/38	0.121
STJ 26/3	26	3	19/38	0.127
STJ 26/4	26	4	19/38	0.137
STJ 24/1	24	1	19/36	0.085
STJ 24/2	24	2	19/36	0.128
STJ 24/3	24	3	19/36	0.134
STJ 24/4	24	4	19/36	0.144
STJ 22/1	22	1	19/34	0.090
STJ 22/2	22	2	19/34	0.141
STJ 22/3	22	3	19/34	0.143
STJ 22/4	22	4	19/34	0.159
STJ 20/1	20	1	19/32	0.098
STJ 20/2	20	2	19/32	0.158
STJ 20/3	20	3	19/32	0.164
STJ 20/4	20	4	19/32	0.181
STJ 18/1	18	1	19/30	0.109
STJ 18/2	18	2	19/30	0.176
STJ 18/3	18	3	19/30	0.188
STJ 18/4	18	4	19/30	0.207
STJ 16/1	16	1	19/29	0.117
STJ 16/2	16	2	19/29	0.192
STJ 16/3	16	3	19/29	0.202
STJ 16/4	16	4	19/29	0.224
STJ 14/1	14	1	19/27	0.131
STJ 14/2	14	2	19/27	0.221
STJ 14/3	14	3	19/27	0.237
STJ 14/4	14	4	19/27	0.263
STJ 12/1	12	1	19/25	0.151
STJ 12/2	12	2	19/25	0.262
STJ 12/3	12	3	19/25	0.277
STJ 12/4	12	4	19/25	0.302

EXTRUDED FEP TAPE JACKET OVER SHIELD

ALLIED PART NO.	AWG SIZE	NO. OF COND.	CONDUCTOR STRAND.	NOMINAL O.D. OF FINISHED CABLE
SFJ 24/1	24	1	19/36	0.075
SFJ 24/2	24	2	19/36	0.118
SFJ 24/3	24	3	19/36	0.127
SFJ 24/4	24	4	19/36	0.138
SFJ 22/1	22	1	19/34	0.083
SFJ 22/2	22	2	19/34	0.132
SFJ 22/3	22	3	19/34	0.138
SFJ 22/4	22	4	19/34	0.153
SFJ 20/1	20	1	19/32	0.090
SFJ 20/2	20	2	19/32	0.150
SFJ 20/3	20	3	19/32	0.156
SFJ 20/4	20	4	19/32	0.180
SFJ 18/1	18	1	19/30	0.102
SFJ 18/2	18	2	19/30	0.176
SFJ 18/3	18	3	19/30	0.187
SFJ 18/4	18	4	19/30	0.205
SFJ 16/1	16	1	19/29	0.109
SFJ 16/2	16	2	19/29	0.190
SFJ 16/3	16	3	19/29	0.202
SFJ 16/4	16	4	19/29	0.222
SFJ 14/1	14	1	19/27	0.124
SFJ 14/2	14	2	19/27	0.220
SFJ 14/3	14	3	19/27	0.235
SFJ 14/4	14	4	19/27	0.258
SFJ 12/1	12	1	19/25	0.145
SFJ 12/2	12	2	19/25	0.262