

# US WIRE AND CABLE

33 QUEEN STREET  
NEWARK, NJ 07114

## PRODUCT SPECIFICATION

**CABLE DESIGNATION:** 18/3 SJT 105C SJT1803-0/105C-E

VOLTAGE RATING: 300  
AMPERAGE RATING: 10

### CONDUCTOR

AWG 18  
STRANDING 16/30  
LAY 1 INCH  
MATERIAL BARE

### INSULATION

MATERIAL PVC  
THICKNESS .030 "  
DUROMETER "A" 89 A  
TEMP. RATING PLUS 105 C MINUS 30 C  
COLOR CODE BROWN-BLUE-GR/YELLOW  
DIAMETER NOM. .110 "

### JACKET

MATERIAL PVC  
THICKNESS AVG. .030 "  
DUROMETER "A" 80A  
TEMP. RATING PLUS 105C MINUS 30C  
FLAME RATING FT2  
OIL RESISTANCE N/A  
WEATHER RESISTANCE N/A

### CONSTRUCTION DETAIL

NUMBER OF CONDUCTORS 3  
SEPARATOR PAPER/NYLON  
FILLER NONE  
OVER ALL DIAMETER NOM. .330 "  
IDENTIFICATION SURFACE INDENT  
LEGEND UL (UL) E-111452 18/3 SJT 105C 300V FT2  
LEGEND CSA CSA LL-81601 18 AWG ( 0.824 MMsq ) /3 STJ 105C 300V FT2  
PUT-UP 5,000 FT 30 INCH REEL

ISSUED BY:

### APPROVALS

UL-CSA ROHS-REACH COMPLIANT

FRANK LIMALDI

10/4/2011