

# Paired-Shielded Twisted Pair Fire Alarm Cable

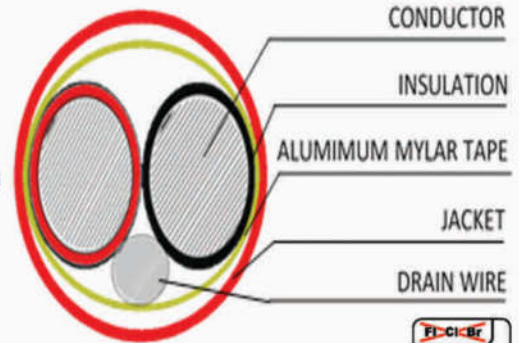


The Shielded Power limited fire protective signal Cable from HOSIWELL is suitable to use for installation in signaling & fire alarm system. This cable is constructed with PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shield with PVC fire protective Outer Jacket. (LSZH)

### CABLE CONSTRUCTION

P/N 9016

Conductor	Solid Bare Copper
Insulation	105°C PVC
Shielding (Coverage 100%)	Aluminum Foil-Polyester Tape
Drain Wire	Tinned Copper
Outer Jacket, Colour	Low smoke and no halogen LSZH, RED



### PHYSICAL CHARACTERISTICS

No of Pair	1
Conductor Size	1 x 16 AWG
Insulation Thickness	0.43 mm
Insulation Diameter	2.15 mm
Drain Wire Size	20 AWG (21X0.18 mm)
Jacket Thickness	1.10 mm
Jacket Diameter	6.5 mm
Min. Bending Radius Minor Axis	65 mm
Operation Temperature	-20°C to 105°C

### COMPLIANCE

- UL Standard 1424
- NEC Article 760
- UL 1685 Vertical Tray
- UL Approvals
- RoSH

### ELECTRICAL CHARACTERISTICS

Max. Operating Voltage UL	55 Ω
Dielectric Strength between Pairs	79 pf/m
Nom. Conductor DCR	22.7 Ω/km

### JACKET CHARACTERISTICS

Weatherproof and sunlight resistance PVC  
 Anti-ant and mouse destroy PVC  
 Flame retardant: UL type FT4 flame test  
 Standard Lengths are : 1000 feet (305 meter)



Marking on cable surface : HOSIWELL CABLE P/N-9016. E157979 -T(UL)TYPE FPL 105°C 16 AWG  
 FIRE PROTECTIVE SIGNALING CIRCUIT CABLE

### APPLICATIONS

For building sound, broadcast, audio control, and instrument use.