



**HOSIWELL**

Worldwide leading cable manufacturer

Fire Alarm Cable

# Paired-Shielded Twisted Pair Fire Alarm Cable

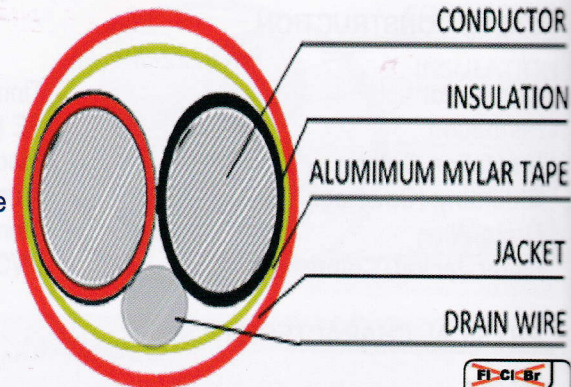


The Shielded Power limited fire protective signal Cable from HOSIWELL is suitable to use for installation in signaling & fire alarm system. This cable is constructed with PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shield with PVC fire protective Outer Jacket. (LSZH)

## CABLE CONSTRUCTION

P/N 9018

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 18 AWG
Insulation Thickness	0.43 mm
Insulation Diameter	1.88 mm
Drain Wire Size	20 AWG (21X0.18 mm)
Jacket Thickness	1.10 mm
Jacket Diameter	6.0 mm
Min. Bending Radius Minor Axis	47 mm
Operation Temperature	-20°C to 105°C

## ELECTRICAL CHARACTERISTICS

Max. Operating Voltage UL	300V
Dielectric Strength between Pairs	72.3 pf/m
Nom. Conductor DCR @ 20°C	20.7 Ω/km

## COMPLIANCE

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

## 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-9018. E157979 -T(UL)TYPE FPL 105°C 18 AWG FIRE PROTECTIVE SIGNALING CIRCUIT CABLE

## APPLICATIONS

For fire alarm system, building sound, broadcast, audio control, and instrument use.....

