

**HOSIWELL***Worldwide leading cable manufacturer***Audio, Control and  
Instrument Cable**

# Paired-Shielded Twisted Pair Fire Alarm Cable

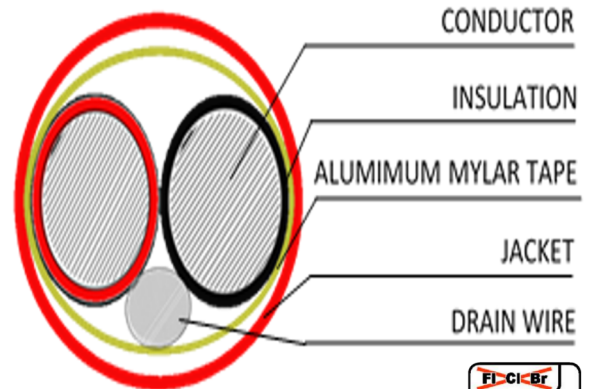


The Shielded Power limited fire protective signal Cable from HOSIWELL is suitable to use for installation in signaling & fire alarm system. This cable is constructed with PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shield with PVC fire protective Outer Jacket. (LSZH)

## CABLE CONSTRUCTION

**P/N 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

## ELECTRICAL CHARACTERISTICS

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

## COMPLIANCE

- UL Standard 1424
- NEC Article 760
- UL 2517 300 Volts
- 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-9016 FIRE PROTECTIVE SIGNALING CIRCUIT CABLE  
---E131077 (UL) AWM 2517 300V 105°C 16AWG & UL TYPE FRL COMPLIANCE

## APPLICATIONS

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

