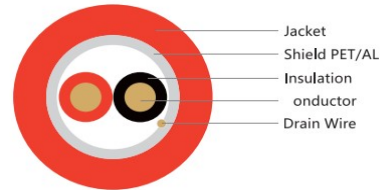




TECHNICAL CHARACTER: UL-FPLR/FPL LSZH SHIELD UNSHIELD FIRE RESISTANT CABLE

Standard UL LISTED



Insulation	CABLE	AWG 18	AWG 16
	Number of core	2	2
	Core	Solid	Solid
	Material	Bare Copper	Bare Copper
	Diameter	1.68+/-0.10 mm	2.10+/-0.10 mm
	Isolation	LSZH	LSZH
	Insulation diameter	1.02mm	1.29mm
	Insulation Colors	black /red	black /red
JACKET	Diameter External O.D (mm)	4.85+ / -0.20	5.6+ / -0.20
	thickness O.D (mm)	0.63	0.63
	Color	Red	Red
	Superfice	Clean and smooth	Clean and smooth
	Material	Low Smoke Zero Halogen (FPL/FPLR)	Low Smoke Zero Halogen (FPL/FPLR)
Drain Wire	Diameter External O.D (mm)	0.5 Bare Copper	0.5 Bare Copper
ELECTRICAL	Maximun working temperature	less 40°C-105°C	less 40°C-105°C
	Minimum conductor resistance	20 °C Driver <1> DC RESISTENCE 22.8Ω/km	20 °C Driver <1> DC RESISTENCE 15.5Ω/km
	Nonimal voltage	500 volt Max.	500 volt Max.
	Maximun operating voltage	300/500V	300/500V
	Package	Reel of 305mts (1000feet)	Reel of 305mts (1000feet)

KEY FEATURES

For fixed indoor installation in dry or wet environments and temporarily outdoor.
They can be installed on platforms, pipes, conduits and similar systems.

APPLICATION

Suitable for the transmission of signals and controls for electrical equipment when you need maximum security against fire, such as emergency lighting and alarm systems, automatic fire detection, fire extinguishing equipment, automatic opening doors, ventilation systems and conditioning, emergency telephone systems.

CONSTRUCTION

Conductors:

Plain annealed copper wire

Shield:

PET Tape/Aluminum Foil

Outer Sheath:

FR-LSZH (Red or White)

Insulation:

Fire resistant silicone rubber

Coverage 100 % (Overlapping 20%)

With Tinned Copper to BS 6360 Solid or Stranded

POPULAR PACKAGING

100M/Roll,
305M/Wooden Spool,
500M/Wooden Spool

IDENTIFICATION OF CORES

2 cores: 
3 cores: 