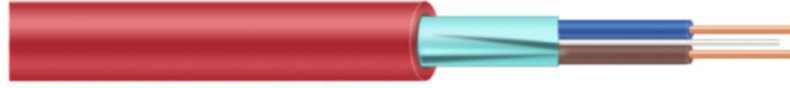


UL1424 FIRE ALARM CABLE FPLR



APPLICATION

Fire detection and fire alarm systems for buildings.
Voice alarm systems and emergency voice communication.
Emergency and escape lighting.
Control circuits for fire safety and fire fighting systems.

STANDARDS

UL1581	Material Standard
UL2556	Physical Characteristics Test Standard
UL1685	Flame Retardant Test Standard
UL1666	Flame Retardant Test Standard
UL1424	Product Standard

CONSTRUCTION

Conductor Material	Bare Copper
Conductor Surface	Solid
Core Insulation Material	PVC
Drain Material	Tinned Copper
Screen Material	Aluminium Foil
Material outer sheath	PVC
Cable shape	Round

COLOURS

Insulation Identification:
Two Cores: Brown, Blue
Three Cores: Brown, Black, Grey
Four Cores: Blue, Brown, Black, Grey
Sheath: Red or White


CHARACTERISTICS

Nominal Voltage U_0/U	300/500V
Operation Temperature	-20°C ~ +75°C
Installation Temperature	0°C ~ +60°C
Minimum Bending Radius	8xD
Fire Power Limited Cable	Type FPL, FPLR
Fire Flame Retardant	IEC 60332-1-2

TECHNICAL DATA

Part Number	No. of cores	Nom. CS [mm ²]	Nom. OD [mm]	DCR@ 20° C [Ω/km]	Weight [kg/km]
32101R2	2	1.0	5.7	18.1	47
32102R2	2	1.5	6.5	12.1	64
32103R2	2	2.5	7.4	7.41	88
32104R2	3	1.0	6.0	18.1	60
32105R2	3	1.5	7.1	12.1	84
32106R2	3	2.5	8.0	7.41	119
32107R2	4	1.0	6.6	18.1	76
32108R2	4	1.5	7.7	12.1	106
32109R2	4	2.5	8.8	7.41	150

MARKING

 P/N 32102R2 POWER LIMITED FIRE ALARM SHIELDED CABLE (UL) LISTED E540616 75C 1.5MM2 /2C FPLR RoHS COMPLAINT <0001M>

PACKING

100m Coil with Box
 100m/300m/500m Wooden Drum with Pallet