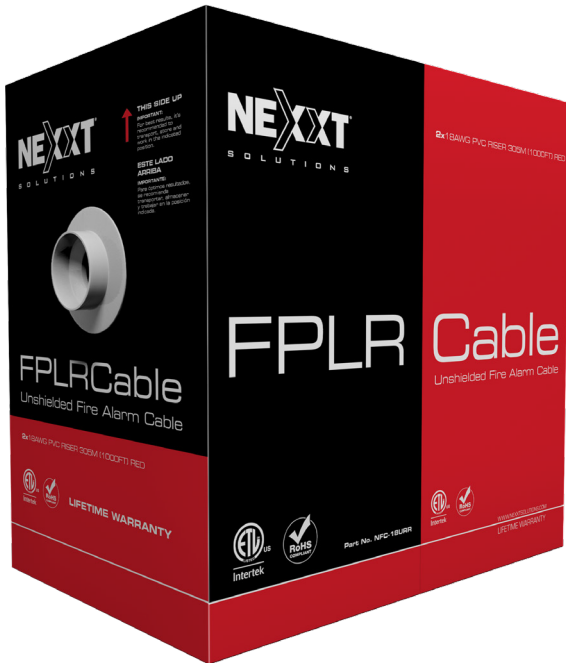
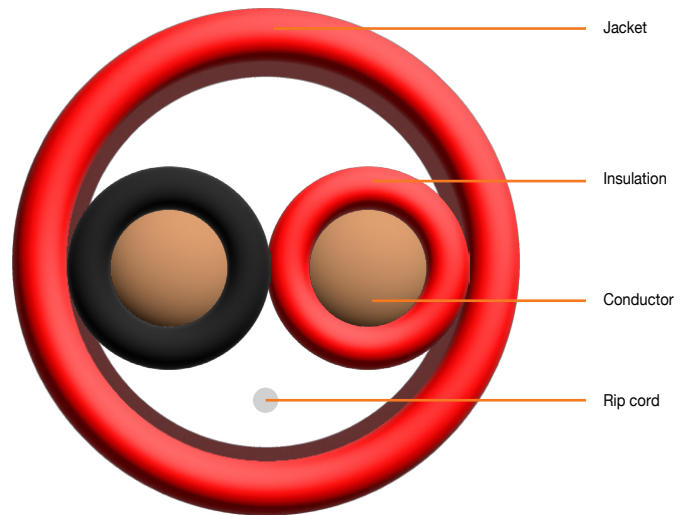


FPLR Unshielded cable for fire alarm systems

NFC-18URR / NFC-16URR



NFC-16URR / NFC-18URR



Nexxt Solutions' fire alarm cable is a high-quality and reliable product designed for fire alarm and security systems. Constructed with two solid bare copper conductors, it ensures efficient signal transmission and durability.

Its FPLR-rated PVC external jacket and internal PVC jacket ensure superior protection in riser applications.

Compliant with international standards, this cable is a secure and dependable solution for critical safety applications, backed by a lifetime warranty*.

Highlights:

- Specially designed for fire alarm and security systems, pull boxes, burglar alarms, smoke alarms and detectors, ensuring reliable and efficient communication for critical safety applications.
- It features 2 solid bare copper conductors, which provides low resistance and consistent signal transmission.
- FPLR-rated external PVC jacket, which ensures compliance with fire safety regulations and makes it safe for use in riser applications.
- Meets ROHS 2.0 international standards and holds the ETL certification.
- Each drum contains 305 meters (1000 ft) of cable, providing ample length for large-scale installations and reducing the need for additional splices.

www.nexxtsolutions.com

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FPL Unshielded cable for fire alarm systems

NFC-18URR / NFC-16URR

Product specifications

Wire characteristics	NFC-16URR	NFC-18URR
Cable type	FPLR fire alarm cable	
Number of conductors	2	
Wire type	Solid bare copper (99.95%)	
Wire gauge size	16AWG	18AWG
Conductor size	1.10 mm	0.9 mm
Internal characteristics		
Internal jacket material	PVC	
Average cable diameter	2.1 mm	1.8 mm
Average min. thickness	0.5 mm	0.45 mm
Min. thickness	0.45 mm	0.41 mm
External characteristics		
Flame rating	FPLR Riser Cable UL 1666	
External jacket material	PVC	
Average min. thickness	0.82 mm	0.81 mm
Min. thickness	0.72 mm	
Average cable diameter	5.15 mm	4.75 mm
Max. strength	15.8 Mpa	
Available jacket colors	Red	
Electrical characteristics		
Voltage rating	300 V	
Operating temperature rating	-20°C~+75°C	
Characteristic impedance (Zo)	75	76
Conductive resistance	18.5 Ω/KM	27.6 Ω/KM
DC resistance capacitance unbalance	0.30%	0.20%
Mutual capacitance	116	92
Dielectric strength	1.5 KV	
Nominal velocity of propagation (NVP)	0.5	
Certifications and standards		
International standards	IEC 60332-1-2 & EN 50399 UL-1666 Reaction to fire EN 50575:2014+A1:2016 RoHS 2.0 Compliant REACH Compliant CPR Classification B2ca -s1, d0, a1 ETL 5028043 (UL 13:2015 Standard) RoHS 2	
Certifications		
Miscellaneous		
MPN	NFC-16URR	NFC-18URR
UPC	798302037090	798302037076
Labeling	NFC-16URR NEXXT FIRE ALARM CABLE 2C 16AWG FPLR TYPE FPLR 75 °C ETLVerified 5028043, RoHS	NFC-18URR NEXXT FIRE ALARM CABLE 2C 18AWG FPLR TYPE FPLR 75°C ETLVerified 5028043, RoHS
Packaging	Drum in box	
Cable length	1000 ft	
Warranty	Lifetime warranty on manufacturing defects*	

*Lifetime warranty terms and conditions apply. Please refer to the manufacturer's warranty policy for details.



RoHS

