



Be alert! Protect your asset!



MAF FIRE RESISTANT CABLES

UAE | OMAN | QATAR | INDIA



A SAFER WORLD IN THE MAKING!

A fire outbreak is a nightmare like no other. A small trigger is all you need to spark off a big, appalling calamity. That is why you need to be cautious and take all possible precautions to remain safe.

WELCOME TO THE WORLD OF MAF

MAF Fire Safety & Security LLC is one of the leading names in fire & safety based out of the UAE. Right from manufacture and supply of fire fighting and fire alarm equipment's to installing the most advanced fire combating utilities in buildings, MAF takes care of all your requirements when it comes to high-profile safety from the hazards of fire.

Founded in the year 2012 in the global city of Dubai, MAF offers turnkey solutions to an elite clientele that cuts across various business and social segments. MAF is one of the flagship brands of Dunes Capital Initiative, a UAE based business conglomerate that ventures into a diversified range of service segments.

عالم آمن في صنعه!

اندلاع الحرائق هو كابوس لا مثيل له. الزناد الصغير هو كل ما تحتاجه لإطلاق شرارة مروعة كبيرة. هذا هو السبب في أنك بحاجة إلى توخي الحذر واتخاذ جميع الاحتياطات الممكنة للحفاظ على سلامتك.

مرحباً بكم في عالم ماف

ماف الحريق والأمن والسلامة هي واحدة من الأسماء الرائدة في مجال الحرائق والسلامة، ومقرها في دولة الإمارات العربية المتحدة. مباشرة من إنتاج وتوريد معدات مكافحة الحريق من أجل تثبيت أكثر مرافق مكافحة الحريق تطوراً في المباني، تتولى شركة ماف كل متطلباتك عندما يتعلق الأمر بالسلامة العالية من مخاطر الحريق.

ست في عام 2012 في مدينة دبي العالمية، تقدم ماف حلولاً متكاملة لعملاء النخبة التي تتقاطع مع مختلف قطاعات الأعمال والقطاع الاجتماعي. مستوحاة من رؤية رئيسنا ماجد عبيد جمعة بن ماجد الفلاسي، ماف هي واحدة من العلامات التجارية الرائدة في شركة Dunes Capital وهي مجموعة أعمال تجارية مقرها دولة الإمارات العربية المتحدة تعمل في مجموعة متنوعة من قطاعات الخدمات.





MAF FEU LPCB FIRE RESISTANT CABLE



LPCB FIRE RESISTANT SHIELDED CABLE



2 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems
- signaling line circuits, notification
appliance circuits, modules and
networking. Public Address and Voice
Evacuation systems – speaker circuits
and networking.

Central Battery and Emergency
Lighting – standalone, networked and
wireless systems. Access Control,
Burglar Alarms, Gate Barriers and
various other applications.



STANDARDS

BS 7629-1:2008
BS 6387:2013 (Category CWZ)
EN 50200:2006 (Class PH30)
EN 50200:2006 Annex E (30 mins)
BS 5839-1:2013 (Clause 26.2d Standard)

Physical Characteristics	2 core 1 sq mm	2 core 1.5 sq mm	2 core 2.5 sq mm
Part Number	MAF-FEU-FR 210C	MAF-FEU-FR 215C	MAF-FEU 225C
No. of Conductors & Color Code	2 (1. Brown 2. Blue)		
Insulation	2.35 ± 0.15mm Silicon - EI2	2.80 ± 0.15mm Silicon - EI2	3.40 ± 0.15mm Silicon - EI2
Wrap	Fire Resistant Tape		
Drain Wire	Aluminum		
Shielding	Aluminum Tape		
Jacket	Low Smoke Halogen Free – LTS3 (Red / White)		
Nominal Cable Diameter	6.6 ± 0.30mm	7.8 ± 0.30mm	8.5 ± 0.30mm
Temperature Rating (°C)	+90°C		
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18.1 Ohms/Km @ +20 °C	12.1 Ohms/Km @ +20 °C	7.41 Ohms/Km @ +20 °C

LPCB FIRE RESISTANT SHIELDED CABLE



3 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems
- signaling line circuits, notification
appliance circuits, modules and
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Evacuation systems – speaker circuits
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Central Battery and Emergency
Lighting – standalone, networked and
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STANDARDS

BS 7629-1:2008
BS 6387:2013 (Category CWZ)
EN 50200:2006 (Class PH30)
EN 50200:2006 Annex E (30 mins)
BS 5839-1:2013 (Clause 26.2d Standard)

Physical Characteristics	3 core 1 sq mm	3 core 1.5 sq mm	3 core 2.5 sq mm
Part Number	MAF-FEU-FR 310C	MAF-FEU-FR 315C	MAF-FEU-FR 325C
No. of Conductors & Color Code	3 (1. Brown 2. Black 3. Grey)		
Insulation	2.35 ± 0.15mm Silicon - EI2	2.80 ± 0.15mm Silicon - EI2	3.40 ± 0.15mm Silicon - EI2
Wrap	Fire Resistant Tape		
Drain Wire	Aluminum		
Shielding	Aluminum Tape		
Jacket	Low Smoke Halogen Free – LTS3 (Red / White)		
Nominal Cable Diameter	7.0 ± 0.30mm	8.1 ± 0.30mm	9.5 ± 0.30mm
Temperature Rating (°C)	+90°C		
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18.1 Ohms/Km @ +20 °C	12.1 Ohms/Km @ +20 °C	7.41 Ohms/Km @ +20 °C

LPCB FIRE RESISTANT SHIELDED CABLE



4 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems - signaling line circuits, notification appliance circuits, modules and networking. Public Address and Voice Evacuation systems – speaker circuits and networking.

Central Battery and Emergency Lighting – standalone, networked and wireless systems. Access Control, Burglar Alarms, Gate Barriers and various other applications.

STANDARDS

BS 7629-1:2008
BS 6387:2013 (Category CWZ)
EN 50200:2006 (Class PH30)
EN 50200:2006 Annex E (30 mins)
BS 5839-1:2013 (Clause 26.2d Standard)

Physical Characteristics	4 core 1 sq mm	4 core 1.5 sq mm	4 core 2.5 sq mm
Part Number	MAF-FEU-FR 410C	MAF-FEU-FR 415C	MAF-FEU-FR 425C
No. of Conductors & Color Code	4 (1. Blue 2. Brown 3. Black 4. Grey)		
Insulation	2.35 ± 0.15mm Silicon - EI2	2.80 ± 0.15mm Silicon - EI2	3.40 ± 0.15mm Silicon - EI2
Wrap	Fire Resistant Tape		
Drain Wire	Aluminum		
Shielding	Aluminum Tape		
Jacket	Low Smoke Halogen Free – LTS3 (Red / White)		
Nominal Cable Diameter	7.8 ± 0.30mm	9.0 ± 0.30mm	10.6 ± 0.30mm
Temperature Rating (°C)	+90°C		
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18.1 Ohms/Km @ +20 °C	12.1 Ohms/Km @ +20 °C	7.41 Ohms/Km @ +20 °C

MAF UL TIANJIE FIRE RESISTANT CABLE



UL FIRE RESISTANT SHIELDED CABLE



2 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems
- signaling line circuits, notification
appliance circuits, modules and
networking. Public Address and Voice
Evacuation systems – speaker circuits
and networking.

Central Battery and Emergency
Lighting – standalone, networked and
wireless systems. Access Control,
Burglar Alarms, Gate Barriers and
various other applications.

STANDARDS

ISO9001: 2008, ISO14001: 2004, OHSAS 18001
UL 13, UL 1424, UL444, NEC760
UL listed Type: CMR, FPLR, CL3R (UL1666)
ETL listed Type: CMR, FPLR, CL3R
RoHS / REACH Compliant

Physical Characteristics	2 core 1 sq mm	2 core 1.5 sq mm	2 core 2.5 sq mm
Conductor Diameter	1.12 ± 0.05mm Bare Copper	1.37 ± 0.05mm Bare Copper	1.76 ± 0.05mm Bare Copper
No. of Conductors & Color Code	2 (1. Brown 2. Blue)		
Insulation	1.80 ± 0.05mm Fire Retardant PVC	2.35 ± 0.05mm Fire Retardant PVC	2.76 ± 0.05mm Fire Retardant PVC
Wrap	Pet Tape		
Drain Wire	0.8mm Solid TC		
Shielding	100% coverage AL-Pet foil		
Jacket	Fire Retardant PVC (Red / White)		
Nominal Cable Diameter	5.0 ± 0.20mm	6.0 ± 0.20mm	7.50 ± 0.20mm
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18 Ohms/Km @ +20 °C	12 Ohms/Km @ +20 °C	7.4 Ohms/Km @ +20 °C
Insulation Resistance	200MQ·Km		

UL FIRE RESISTANT SHIELDED CABLE



3 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems
- signaling line circuits, notification appliance circuits, modules and networking. Public Address and Voice Evacuation systems – speaker circuits and networking.

Central Battery and Emergency Lighting – standalone, networked and wireless systems. Access Control, Burglar Alarms, Gate Barriers and various other applications.

STANDARDS

ISO9001: 2008, ISO14001: 2004, OHSAS 18001
UL 13, UL 1424, UL444, NEC760
UL listed Type: CMR, FPLR, CL3R (UL1666)
ETL listed Type: CMR, FPLR, CL3R
RoHS / REACH Compliant

Physical Characteristics	3 core 1 sq mm	3 core 1.5 sq mm	3 core 2.5 sq mm
Conductor Diameter	1.12 ± 0.05mm Bare Copper	1.37 ± 0.05mm Bare Copper	1.76 ± 0.05mm Bare Copper
No. of Conductors & Color Code	3 (1. Brown 2. Black 3. Grey)		
Insulation	2.35 ± 0.15mm Fire Retardant PVC	2.80 ± 0.15mm Fire Retardant PVC	3.40 ± 0.15mm Fire Retardant PVC
Wrap	Pet Tape		
Drain Wire	0.8mm Solid TC		
Shielding	100% coverage AL-Pet foil		
Jacket	Fire Retardant PVC (Red / White)		
Nominal Cable Diameter	7.0 ± 0.20mm	8.1 ± 0.30mm	9.50 ± 0.20mm
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18 Ohms/Km @ +20 °C	12 Ohms/Km @ +20 °C	7.4 Ohms/Km @ +20 °C
Insulation Resistance	200MΩ·Km		

UL FIRE RESISTANT SHIELDED CABLE



4 CORE CABLES

APPLICATIONS

Fire Detection and Alarm systems
- signaling line circuits, notification appliance circuits, modules and networking. Public Address and Voice Evacuation systems – speaker circuits and networking.

Central Battery and Emergency Lighting – standalone, networked and wireless systems. Access Control, Burglar Alarms, Gate Barriers and various other applications

STANDARDS

ISO9001: 2008, ISO14001: 2004, OHSAS 18001
UL 13, UL 1424, UL444, NEC760
UL listed Type: CMR, FPLR, CL3R (UL1666)
ETL listed Type: CMR, FPLR, CL3R
RoHS / REACH Compliant

Physical Characteristics	4 core 1 sq mm	4 core 1.5 sq mm	4 core 2.5 sq mm
Conductor Diameter	1.12 ± 0.05mm Bare Copper	1.37 ± 0.05mm Bare Copper	1.76 ± 0.05mm Bare Copper
No. of Conductors & Color Code	4 (1. Blue 2. Brown 3. Black 4. Grey)		
Insulation	2.35 ± 0.15mm Fire Retardant PVC	2.80 ± 0.15mm Fire Retardant PVC	3.40 ± 0.15mm Fire Retardant PVC
Wrap	Pet Tape		
Drain Wire	0.8mm Solid TC		
Shielding	100% coverage AL-Pet foil		
Jacket	Fire Retardant PVC (Red / White)		
Nominal Cable Diameter	7.8 ± 0.30mm	9.0 ± 0.30mm	10.6 ± 0.20mm
Installation	0 ~ +60°C		
Storage & Operation	-20 ~ +75°C		
Electrical Characteristics			
Operating Voltage	300/500V		
DC Resistance	18 Ohms/Km @ +20 °C	12 Ohms/Km @ +20 °C	7.4 Ohms/Km @ +20 °C
Insulation Resistance	200MQ·Km		