

# Prysmian Group

 PRYSMIAN

 Draka

Multimedia Solutions for  
**Security & Safety Applications**

MMS, APAC, released 1 July 16

# MMS - Security & Safety Applications

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*"Multimedia Solutions provides cable solutions for all kind of communication needs in premises, industry and transport infrastructures."*

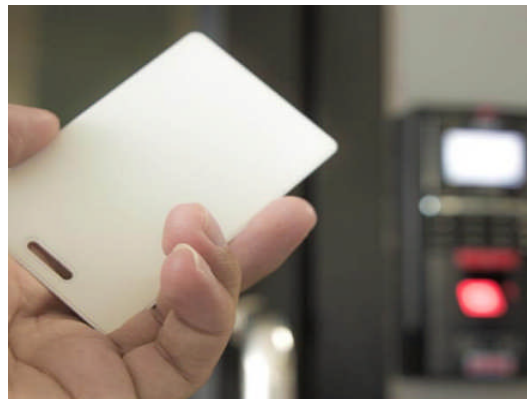
- Although everybody nowadays is using mobile phones, the **vast majority of applications is run on cabled infrastructures**
- **MMS develops, produces and sells** copper and optical fibre cables that cover virtually every **communications application** in this field
- Technologies involved cover **wire based cable for signaling and control purposes**
  - Twisted pair cable / balanced
  - Coaxial cable / unbalanced
  - Fibre optic cable, both multi- and singlemode



# MMS - Security & Safety Applications

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Using Draka Multimedia Solutions cabling products comprising both copper and fiber to support voice , data and video transmissions in mission critical applications.



# MMS - Security & Safety Applications

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## CCTV Surveillance



**Monitoring and Access Control**  
**Fire Safety & Public Address**

# MMS – CCTV Surveillance

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For **analog CCTV** applications, Draka range of Coaxial Cables are able to achieve high performances and yet offering price competencies.



## Key Features

- Uses solid Grade A copper conductor to achieve min attenuation and allows easier termination.
- Accurate 75 ohm impedance to ensure no impedance mismatches in a whole system and provides quality transmission over long distances.
- Cable marking on the lengths for usage tracking during installations.
- Up to 500m packing per drum to minimize wastage from cut lengths.
- Outer sheath available in standard PVC, PVC CM, PVC CMR and LSZH up to IEC 60332-3C.
- Additional protection can be provided with Steel Wire Braiding.
- Black UV resistance sheath as default , or white sheath when required.

# MMS – CCTV Surveillance

RG9171	RG59, CCS, 95% Bare Copper Braid, PVC, 75 Ohm	<b>Premium</b>
RG9771	RG59, CCS, 95% Bare Copper Braid, PVC CM, 75 Ohm	<b>Premium</b>
RG9271	RG59, CCS, 95% Bare Copper Braid, LSZH, 75 Ohm	<b>Premium</b>
RG9171B	RG59, CCS, 95% Bare Copper Braid, PVC, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG9271B	RG59, CCS, 95% Bare Copper Braid, LSZH, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG917A	RG59, BC, 95% Aluminum Braid, APA, 95% Aluminum Braid, PVC CMR, 75 Ohm	<b>Premium</b>
RG927A	RG59, BC, 95% Aluminum Braid, APA, 95% Aluminum Braid, LSZH, 75 Ohm	<b>Premium</b>
RG967A	RG59, BC, 95% Aluminum Braid, APA, 95% Aluminum Braid, PE, 75 Ohm	<b>Premium</b>
RG6178	RG6, BC. 95% Tin Copper Braid, PVC, 75 Ohm	<b>Premium</b>
RG6778	RG6, BC. 95% Tin Copper Braid, PVC CM, 75 Ohm	<b>Premium</b>
RG6578	RG6, BC. 95% Tin Copper Braid, PVC CMR, 75 Ohm	<b>Premium</b>
RG6278	RG6, BC. 95% Tin Copper Braid, LSZH, 75 Ohm	<b>Premium</b>
RG6478	RG6, BC. 95% Tin Copper Braid, LSFRZH, 75 Ohm	<b>Premium</b>
RG6178B	RG6, BC. 95% Tin Copper Braid, PVC, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG6278B	RG6, BC. 95% Tin Copper Braid, LSZH, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG1171	RG11, BC. 95% Bare Copper Braid, PVC, 75 Ohm	<b>Premium</b>
RG1771	RG11, BC. 95% Bare Copper Braid, PVC CM, 75 Ohm	<b>Premium</b>
RG1271	RG11, BC. 95% Bare Copper Braid, LSZH, 75 Ohm	<b>Premium</b>
RG1171B	RG11, BC. 95% Bare Copper Braid, PVC, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG1271B	RG11, BC. 95% Bare Copper Braid, LSZH, SWB, 75 Ohm, Armoured	<b>Premium</b>
RG157C	RG11, BC. APA, 95% Bare Copper Braid, PVC CMR, 75 Ohm	<b>Premium</b>
RG127C	RG11, BC. APA, 95% Bare Copper Braid, LSZH, 75 Ohm	<b>Premium</b>
RG147C	RG11, BC. APA, 95% Bare Copper Braid, LSFRZH, 75 Ohm	<b>Premium</b>

Please refer to our BP Price List [MMSpecials\\_Coaxial](#) for this whole range of products listing.

# MMS – CCTV Surveillance

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For **digital CCTV** applications, Draka range of data products from the UC series ie UCData® (Category Cables) fully supports IP based requirements and offer a cost effective yet high performing digital cabling solution to system integrators.



## Key Features

- 4 pair unshielded UTP provide Power over Ethernet (POE) as well as signal transmission in a single cable.
- Draka unique Tight Extrusion Process (TEP) means slimmer cable diameter, resulting in more cables per tray / conduit for better capex control and stable performance during rough handling while installing cables.
- Patented 2 pairs foiled screen (ZEBRA) for high screening performances yet achieving smaller cable diameter ensures excellent operation in signals noisy environment.
- Available in Reelex, Spool-in box, 305m / 500m / 1000m for flexible installations, handling and inventory management.

# MMS – CCTV Surveillance

UC P/N	UC 300 Cat 5e Installation Cables
52004	UC 300 Cat 5e UTP 24 AWG PVC, IEC 60332-1
52026	UC 300 Cat 5e UTP 24 AWG LSZH, IEC 60332-1
52034	UC 300 Cat 5e UTP 24 AWG PE, Outdoor
52048	UC 300 Cat 5e UTP 24 AWG LSFRZH, IEC 60332-24
53025	UC 300 Cat 5e F/UTP 24 AWG PVC, IEC 60332-1
53041	UC 300 Cat 5e F/UTP 24 AWG LSZH, IEC 60332-1
53035	UC 300 Cat 5e F/UTP 24 AWG PE, Outdoor
53048	UC 300 Cat 5e F/UTP 24 AWG LSFRZH, IEC 60332-24
55025	UC 300 Cat 5e S/FTP 24 AWG PVC, IEC 60332-1
55041	UC 300 Cat 5e S/FTP 24 AWG LSZH, IEC 60332-1
55048	UC 300 Cat 5e S/FTP 24 AWG LSFRZH, IEC 60332-24
UC P/N	UC 400 Cat 6 Installation Cables
11510	UC 400 Cat 6 S23 U/FTP 23 AWG, Patented 2 pairs foil, LSZH, IEC 60332-1
60088	UC 400 Cat 6 U/UTP 23 AWG PVC, IEC 60332-1
60075	UC 400 Cat 6 U/UTP 23 AWG LSZH, IEC 60332-1
60048	UC 400 Cat 6 U/UTP 23 AWG LSFRZH, IEC 60332-24
60034	UC 400 Cat 6 U/UTP 23 AWG PE, Outdoor
62488	UC 400 Cat 6 U/UTP Bronze 24 AWG PVC, IEC 60332-1
62475	UC 400 Cat 6 U/UTP Bronze 24 AWG LSZH, IEC 60332-1
61088	UC 400 Cat 6 F/UTP 23 AWG PVC, IEC 60332-1
61075	UC 400 Cat 6 F/UTP 23 AWG LSZH, IEC 60332-1
61048	UC 400 Cat 6 F/UTP 23 AWG LSFRZH, IEC 60332-24
65088	UC 400 Cat 6 S/FTP 23 AWG PVC, IEC 60332-1
65075	UC 400 Cat 6 SFTP 23 AWG LSZH, IEC 60332-1
65048	UC 400 Cat 6 S/FTP 23 AWG LSFRZH, IEC 60332-24

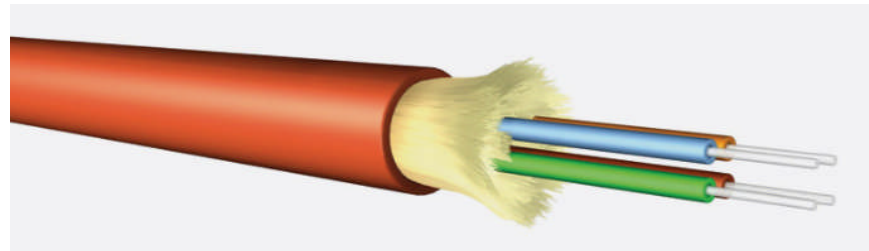
Please refer to our BP Price List [DrakaUC\\_UCDATA](#) for this whole range of products listing.



## MMS – CCTV Surveillance

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For **enhanced digital and long distance CCTV** applications, Draka range of optical cables products from the UCFIBER® series comprises of a complete range of standards and customized FO constructions to suit all CCTV environments.



### Key Features

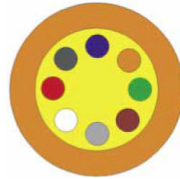
- Uses world's only proprietary and patented fiber preform technology to produce the renowned Plasma Chemical Activated Vapor Deposition (PCDV) fibers.
- High refractive index for minimum losses across long distances
- Fibers protected by high quality construction materials from aramid yarns, to armoring, specialized armoring and special purpose sheaths ie LSZH, Nylon, HDPE, PUR.
- Available up to 4km/drum to maximize lengths usages and minimize cutting lengths wastages.

# MMS – CCTV Surveillance

## FO Constructions Types

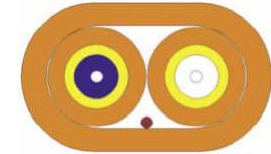
### UC<sup>FIBRE</sup>® BICM Series

2, 4, 6, 8, 12 Fibres Interconnect cable, LSZH Jacket



### UC<sup>FIBRE</sup>® ZICM Series

Zipcord Interconnect Cable, LSZH Sheath



### UC<sup>FIBRE</sup>® MT Series

2-24 Cores, Indoor Tight Buffer Distribution Cable, LSZH Sheath



### UC<sup>FIBRE</sup>® LTZSM Series

12-96 Cores, Light Armoured Cable, LSZH Sheath



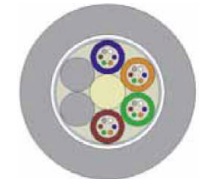
### UC<sup>FIBRE</sup>® UTM Series

2-24v Cores, Light Armoured, Uni-tube Cable, LSZH Sheath



### UC<sup>FIBRE</sup>® LTFGP Series

12-96 Cores, Non Metallic Armoured Rodent Resistant Cable, PE Sheath



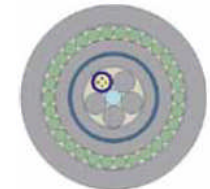
### UC<sup>FIBRE</sup>® LTZMSM Series

12-96 Cores, Double Sheath Armoured Cable, LSZH



### UC<sup>FIBRE</sup>® LTFMSMWM Series

2 ~ 96 Fibres, SWA, Heavy Armoured Cable, LSZH Sheath



## Fibers Types

Singlemode G652D, G657A

Multimodes OM1 62.6um, OM2 50um, OM3 300m 50um, OM4 50um

Please refer to our BP Price List [DrakaUC\\_ UCFIBRE](#) for this whole range of products listing.

# MMS - Security & Safety Applications

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## CCTV Surveillance

## Monitoring and Access Control



## Fire Safety and Public Address

## MMS – Monitoring & Access Control

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Draka range of twisted pair data cables are most suitable as the communication medium of individual monitoring and detection devices. And these cables play an important part in a reliable system for fast / uninterrupted signal transmission.



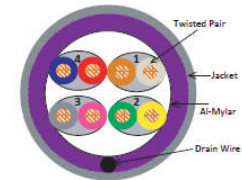
### Key Features

- High performance shielded and unshielded twisted pairs data cables that allow the full network length utilization.
- Available in multi pairs configurations for greater design / usage versatility in network design.
- High quality shielding materials to ensure strong resistance against EMIs, designed to UL AWM standards, up to Individually & overall screened.
- Different sheaths for different environments ie PVC, PVC CM, PVC CMR, LSZH, HDPE, SHF2
- Special armoring for added outdoor / rough handling protection ie SWB / SWA.

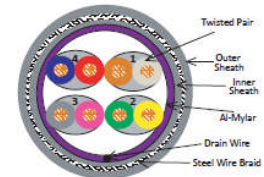
# MMS – Monitoring & Access Control

More than 120 part numbers of relevant cable types.

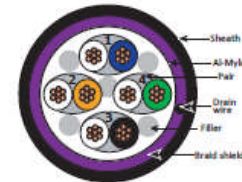
UL 2464 Overall Screen 16-24AWG  
PVC  
Overall Screened Data Control Cable



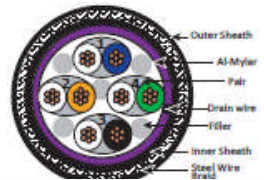
UL 2464 OVERALL SCREEN 16-24AWG  
SWB LSZH  
Overall Screened Data Control Cable, Armoured



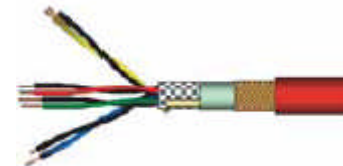
EIA-485 22 & 24AWG LSZH  
Serial Data Communication Cable



EIA-485 22&24 AWG SWB LSZH  
Serial Data Communication Cable, Armoured



IE Firetuf™ DATA 1P, 2P or 4P  
LSZH-FR  
IE SF/UTP 4x2xAWG22/1 cable with circuit integrity behaviour



Please refer to our BP Price List MMSpecials\_BMS Others for this whole range of products listing.

# MMS - Security & Safety Applications

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**CCTV Surveillance**

**Monitoring and Access Control**

**Fire Safety and Public Address**



## MMS – Fire Safety & Public Address

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In the event of a fire, critical systems ie fire detection, sprinklers, CCTVs, PAGA, emergency lighting etc must continue to operate, even under the intense burning situation of flame, heat and smoke generation, for obvious human safety and quick evacuation purposes. Draka range of fire safety cables ensures circuit integrity and reliable operations under such intense situation.

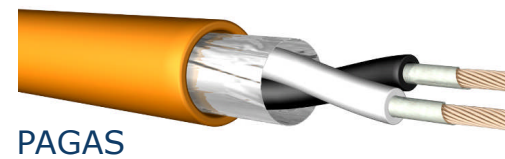
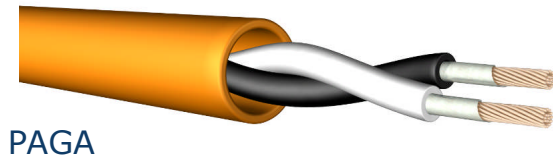


### Key Features

- High performance shielded and unshielded twisted pairs data cables that allows the full network length utilization.
- Different cable types to cater for different level of safety requirements in the critical systems.
- Uninterrupted operations during fire situations.
- Prevents or limits flame propagation when being burnt.
- Intensely tested in-house and 3<sup>rd</sup> party verifications to ensure 100% confidence on cable performances.

# MMS – Fire Safety & Public Address

**MaxFoh™ Series** – ISO/IEC 11801: 95, IEC 61156, EN 50173:95; EN 50288-1, BS 6387 LSZH IEC 61034, comply to IEC 60332-3C



**SAC (Security Alarm Comms) Series** – NEC Article Type FPLR, CL3R, CMR, comply to IEC 60332-1 LSZH - IEC 61034, IEC 60754-1 & 2, comply to IEC 60332-1



**FAC (Fire Alarm Comms) Series** – NEC Article Type FPLR, CL3R, CMR, comply to IEC 60332-1 LSZH - IEC 61034, IEC 60754-1 & 2, comply to IEC 60332-1



Please refer to our BP Price List MMSpecials\_BMS Others for this whole range of products listing.



# A Complete range of Comms Cablings

Request for our new catalogues now, visit [www.DRAKAUC.com](http://www.DRAKAUC.com), dedicated website for our MMS products and news. Email us to be subscribe to our MMS E-NEWS LETTER.



**UCCONNECT® – The LAN connectivity system**  
 END-TO-END CABLING SOLUTIONS FOR NETWORKS TO LAST

A brand of the **Prysmian Group**



**Multimedia Specials**  
 DATA CABLES FOR INDUSTRIAL, BUILDING & BROADCAST APPLICATIONS

A brand of the **Prysmian Group**

our **NEW DRAKA UC** website is launched!

Featuring complete Structured Cabling Solutions and Multimedia Specials cables at your convenience

[www.drakauc.com](http://www.drakauc.com)

**25 + 3 Years** System Warranty

**Draka** A brand of the **Prysmian Group**

**Multimedia Solutions**  
 UCCONNECT® E-NEWS ref 161

**New Launch of MMS E-NEWS Platform!**

From the World's largest cable Brand, be connected to us! DRAKA Multimedia Solutions (MMS) provides a full communication cabling products portfolio to all our business partners, including now the DRAKA UC structured cabling portfolio, which has gained dramatic growth in the market, thanks to the recognition of our already strong presence and products technologies.

With this e-news platform, we are able to connect you to interesting information beneficial to your business, learn about what we have to offer, and many more. And even get to win in our monthly lucky draw for our dedicated subscribers!

[Read more](#)

**For further enquiries, please email to  
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**End**