

## Draka Max-FOH™ Flexible PAGA Cable

### Fire Resistant Speaker Cable



### Application

Most widely used fire resistance speaker & Audio/Motor control cables, which is highly flexible due to the unique tubing design. Draka Max-FOH™ flexible speaker cables meets the stringent BS 6387 Cat. CWZ fire performance standards and can be used in all critical fire alarm or, Public Address General Alarm ( PAGA ) systems.

### Key Characteristics

<b>Conductor</b>	Grade “A” copper specially protected by fire barrier tape to ensure circuit integrity in fire situations.
<b>Core Insulation</b>	High temperature resistance XLPE.
<b>Specification reference</b>	IEC 60332-1, IEC 60331, SS299 / BS 6387 Cat .CWZ C test (950°C , 180mins) W test ( 650°C , 15mins fire , 15,min water) Z test ( 950 °C , 15mins fire with mechanical shock every 30 sec)
<b>Outer Sheath</b>	LSZH in accordance to IEC 60332-1-2, IEC 60332-3C/A, IEC 61034, IEC 60754-2.

### Main Characteristics

Nominal Conductor Size	mm <sup>2</sup>	2 Core x 1.5	2 Core x 2.5	2 Core x 4.0	3 Core x 1.5	3 Core x 2.5	4 Core x 1.5	4 Core x 2.5
<b>Nominal overall diameter</b>	mm	8.0 ± 0.5	9.5 ± 0.5	10.9 ± 1.0	9.2 ± 0.5	10.1 ± 1.0	10.5 ± 1.0	11.5 ± 1.0
<b>Nominal weight (completed cable)</b>	Kg/km	68	91	136	98	130	137	181
<b>Min bending radius</b>	mm	72	76	88	76	84	84	92
<b>Max pulling tension</b>	kgf	21	35	56	31.5	52.5	42	70
<b>Max conductor DC resistance @ 20°C</b>	Ω/km	12.1	7.41	4.61	12.10	7.41	12.1	7.41
<b>Min insulation resistance @ 20°C</b>	MΩ.km				2000			
<b>Dielectric withstand test</b>	kV/min				2			

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#### Technical Data

Conductor material	mm	Plain annealed stranded copper wire to IEC 60228 / BS EN 60228
Max. operating temperature	°C	90
Conductor shape	na	Circular stranded Class 2
Insulation material	na	Cross-linked PE, XLPE
Insulation thickness	mm	0.5 nominal
Core Colour	mm	Black and White (Standard) ; Black and Red (*Non standard)

#### Sheath Colour & Marking (applicable to black and white insulation only):

Orange, the outer sheath is marked in 1 meter intervals as follows:

**Draka MAX-FOH CABLE 300/500V 2C x <CONDUCTOR SIZE> MM<sup>2</sup> IEC60332-3-22, IEC60331-21, SS299-1/BS6387 CAT.CWZ YR-<YYYY>**

<CONDUCTOR SIZE> denotes cross-section area of conductor 1.5 , 2.5 or 4.0 mm<sup>2</sup>

<YYYY> denotes Year of manufacturing

#### Logistic

##### Packing:

Wooden drums with protection.

##### Delivery Lengths:

Standard delivery length is 500m per drum ± 5%.

#### Ordering information

P/N	Product Description	P.U.
PAGA2C15	MAXFOH™ FlexiTube, 2Cx1.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA2C25	MAXFOH™ FlexiTube, 2Cx2.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA2C40	MAXFOH™ FlexiTube, 2Cx4.0mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA3C15	MAXFOH™ FlexiTube, 3Cx1.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA3C25	MAXFOH™ FlexiTube, 3Cx2.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA4C15	MAXFOH™ FlexiTube, 4Cx1.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum
PAGA4C25	MAXFOH™ FlexiTube, 4Cx2.5mm <sup>2</sup> , PAGA Fire Res, BS 6387, 60331, LSZH, Orange	500m/drum

\*Non standard products typically higher MOQ and longer lead-time

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#### Enquiries

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Please contact our local sales office or [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structure Cabling Solutions with 25 Years System Warranty.

Visit [www.DrakaUC.com](http://www.DrakaUC.com) for more information.

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