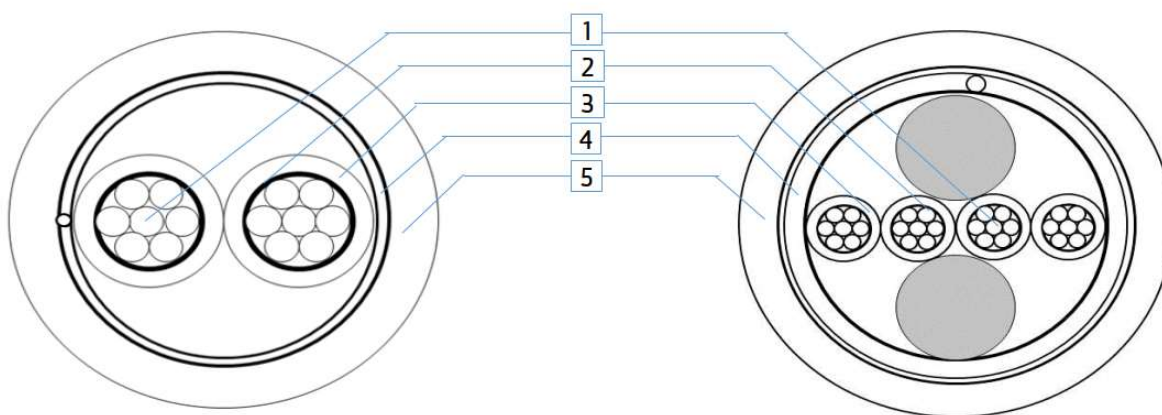


Draka MAX-FOH-SHIELD PAGAS Cable

General Specifications



Photo for illustration only ; insulation colour is **BLACK** and **WHITE**



Part	Description		No.
Conductor	Cu	Plain annealed stranded circular copper conductor, Class 2	1
Fire Proof Layer	MGT	Mica glass tape	2
Insulation	XLPE	Cross-linked polyethylene compound	3
Pairing / Twining		Two/Three/Four insulated cores are cabled together	4
Assembly		Multiple pairs/triads/quads are cabled together, supplied with non-hygroscopic filler (optional) to obtain a circular construction and covered with a polyester tape wrapping	
Overall Screen	OSCR	Min. 30% overlap of aluminium backed polyester tape in contact with 0.5mm ² (16/0.20mm) tinned annealed drain wire followed by a polyester tape wrapped over the screening tape	
Outer Sheath	LSZH	Low smoke halogen free compound. Orange	5

Applications

Most widely used fire resistance speaker & Audio/Motor control cables, which is highly flexible due to the unique design. Draka MAXFOH™ 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.

Technical characteristics

Nominal Conductor Size	mm ²	1Pair x 1.0	1Pair x 1.5	1Pair x 2.5	2Pair x 1.0	2Pair x 1.5	2Pair x 2.5	3Pair x 1.0	3Pair x 1.5	3Pair x 2.5	4Pair x 1.0	4Pair x 1.5	4Pair x 2.5
Insulation thickness	mm	1.0 mm ² & 1.5 mm ² conductor : 0.44 minimum 2.5mm ² conductor : 0.53 minimum											
Insulation Colour	mm	1 Pair : Black and White (Standard) Multi-Pair : Black and White with pair numbering (Standard) 1-Triad : Black, White and Red (Standard)											
Drain Wire	na	Stranded Tinned Copper Wire											
Outer Sheath	Na	LSZH in accordance to IEC 60332-1-2, IEC 60332-3A, IEC 61034, IEC 60754-2.											
Maximum overall diameter	mm	9.8	10.0	11.5	14.5	15.5	18.5	15.5	16.5	20.0	16.5	17.5	21.0
Nominal weight (completed cable)	Kg/km	87	99	129	152	189	275	259	298	386	230	279	410
Min bending radius	mm	8 x Overall Diameter											
Max pulling tension	kgf	14	21	35	28	42	70	42	63	105	56	84	140
Max conductor DC resistance @ 20°C	Ω/km	18.46	12.1	7.41	18.46	12.34	7.56	18.46	12.34	7.56	18.46	12.34	7.56
Min insulation resistance @ 20°C	MΩ.km	1000											
Dielectric withstand test	KV/min	2											
Max. operating temperature	°C	90											
Specification reference	IEC 60332-1, IEC 60332-3A, IEC 60331, SS299 / BS 6387 Cat. CWZ test (950°C, 180mins) /EN 50200 (Class PH120) & EN 50200 Annex E (30mins)												

Ordering information

UC Part Number	SAP1C	Description	Length (m) / Drum
PAGAS1P10	60101567	MAX-FOH-SHIELD FlexiTube, 1Px1.0mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	500
PAGAS1P15	60092151	MAX-FOH-SHIELD FlexiTube, 1Px1.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	500
PAGAS1P25	60092140	MAX-FOH-SHIELD FlexiTube, 1Px2.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	500
PAGAS2P10	60101568	MAX-FOH-SHIELD FlexiTube, 2Px1.0mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS2P15	60101619	MAX-FOH-SHIELD FlexiTube, 2Px1.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS2P25	60101617	MAX-FOH-SHIELD FlexiTube, 2Px2.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS3P10	60101569	MAX-FOH-SHIELD FlexiTube, 3Px1.0mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS3P15	60101570	MAX-FOH-SHIELD FlexiTube, 3Px1.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS3P25	60101620	MAX-FOH-SHIELD FlexiTube, 3Px2.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS4P10	60101623	MAX-FOH-SHIELD FlexiTube, 4Px1.0mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS4P15	60101571	MAX-FOH-SHIELD FlexiTube, 4Px1.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS4P25	60101622	MAX-FOH-SHIELD FlexiTube, 4Px2.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS1P10-1T	60104840	MAX-FOH-SHIELD FlexiTube, 1Px1.0mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000
PAGAS1P15-1T	60104907	MAX-FOH-SHIELD FlexiTube, 1Px1.5mm ² , PAGAS Fire Res, BS 6387, IEC 60331, LSZH, Orange	1000

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

Sheath colour and marking :

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

**Draka MAX-FOH-SHIELD PAGAS CABLE 300/500V <CONDUCTOR PAIR QUANTITY>P x <CONDUCTOR SIZE> MM²
BSEN 50288-7 IEC60332-3-22 IEC60331-21 SS299/BS6387 CWZ <FC> <YBATCHCODE> <xxx>M**

<CONDUCTOR SIZE>	Denotes cross-section area of conductor 1.0 or 1.5 or 2.5 mm ²
<FC>	Draka defined factory Code
<BATCHCODE>	Factory defined tracking code MM/YYYY or WW/YYYY
<xxx>	Denotes length in metre

Logistic

Packing:

Wooden drums.

Delivery Lengths:

Standard delivery length is $\pm 5\%$ per drum length

Enquiries

Please contact our local sales office or email to: 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 for more information.

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