

## KLVMAM

### Symmetrical 120 Ω switching cable for 2 MBit/s

#### Application

fixed inhouse installation

#### Flame resistance

Oxygen Index LOI acc. to ASTM-D-2863	no limit
Smoke emission acc. to ASTM-D-2843	90 %
HCL Emission acc. to IEC 754-1	> 25 %
IEC 332-1	

#### Construction

Conductor	Tinned copper wire 0.4 mm Ø
Insulation	Foam skin PE (02YS)
Conductor color	a-conductor blue b-conductor white
stranding	2 conductors per pair
Stranding to core	(0+4)
Overall shielding	Al-plastic foil + drain wire 0.4 mm Ø
Outer sheath	PVC (Y), black

#### Mechanical properties

Operating temperature	- 30 °C to + 70 °C
Installation temperatue	- 5 °C

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### Electrical properties

at 20°C

Loop resistance (at 20 ± 5 °C)	300 Ω/km
Insulation resistance (at 500 V, 1 min.)	2 GΩ*km
capacitance at 800 Hz	50 nF/km
Max. operating voltage	75 V
Impedance (at 1 MHz)	120 Ω
Frequency	attenuation (at 20 °C)
[MHz]	[dB/100 m]
1	4.5

### Technical data

Part no.	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content kg/km
1004687-01000DW	J-02YS(St)Y	2x0.4x0.4	3.5±0.5	1000	14	3.87

### Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
KLVMAM 2x0.4+0.4	1004687	60013664	<b>60013664</b>
KLVMAM 2x0.4+0.4 1000DW	1004687-01000DW	60013664	<b>60013666</b>

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