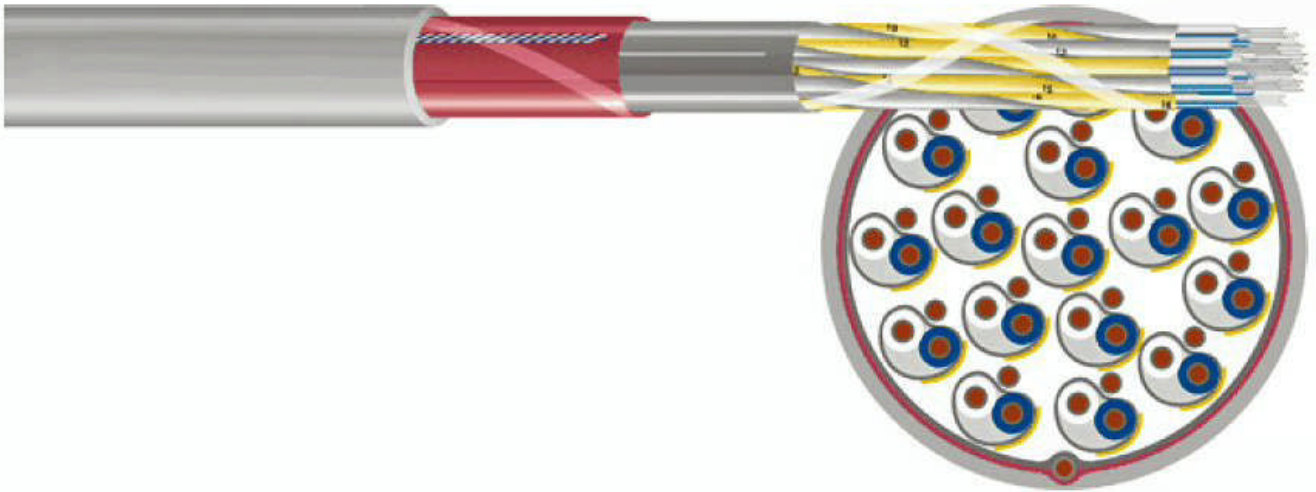


KLVMAAM

Symmetrical 120 Ω switching cable for 2 MBit/s



Application

For fixed in-house installation

Flame resistance

Oxygen Index LOI acc. to ASTM-D-2863
 IEC 332-1

no limit

Construction

Conductor	Tinned copper wire 0.4 mm Ø
Insulation	Foam-skin-PE
Conductor color	a-conductor blue b-conductor white
stranding	2 conductors per pair
Stranding to core	(0+4)
Pair shielding	Al-plastic foil + drain wire 0.4 mm Ø
Overall shielding	Al-plastic foil + drain wire 0.4 mm Ø
Outer sheath	PVC, grey (RAL 7035)

Mechanical properties

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

KLVMAAM

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	47 nF/km	
Max. operating voltage	75 V	
Impedance (at 1 MHz)	120 Ω	
Frequency	attenuation (at 20 °C)	NEXT
[MHz]	[dB/100 m]	[dB/50 m]
1	3.7	80

Technical data

Part no. SAP	Type	Dimension	Outer diameter mm (nom.)	Standard length m	weight kg/km	Copper content
1005564- 0100000Y	J-02YS(St)Y	2x(2+1)x0,4	5,9	1000	31	10
1005554- 0050000Y	J-02YS(St)Y	2x(2+1)x0,4	5,9	500	31	10
1005572- 0000000Y	J-02YS(St)Y	2x(2+1)x0,4	5,9	200	31	10
1005565- 0000000Y	J-02YS(St)Y	8x(2+1)x0,4	9,2	1000	78	34
1005555- 0000000Y	J-02YS(St)Y	8x(2+1)x0,4	9,2	500	78	34
1005573- 0000000Y	J-02YS(St)Y	8x(2+1)x0,4	9,2	100	78	34
1005556- 0000000Y	J-02YS(St)Y	16x(2+1)x0,4	14,4	500	174	65
1005557- 0000000Y	J-02YS(St)Y	24x(2+1)x0,4	16,9	500	244	97

[PRODUCT CODE TABLE]

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