KLVMAAM-LSZH
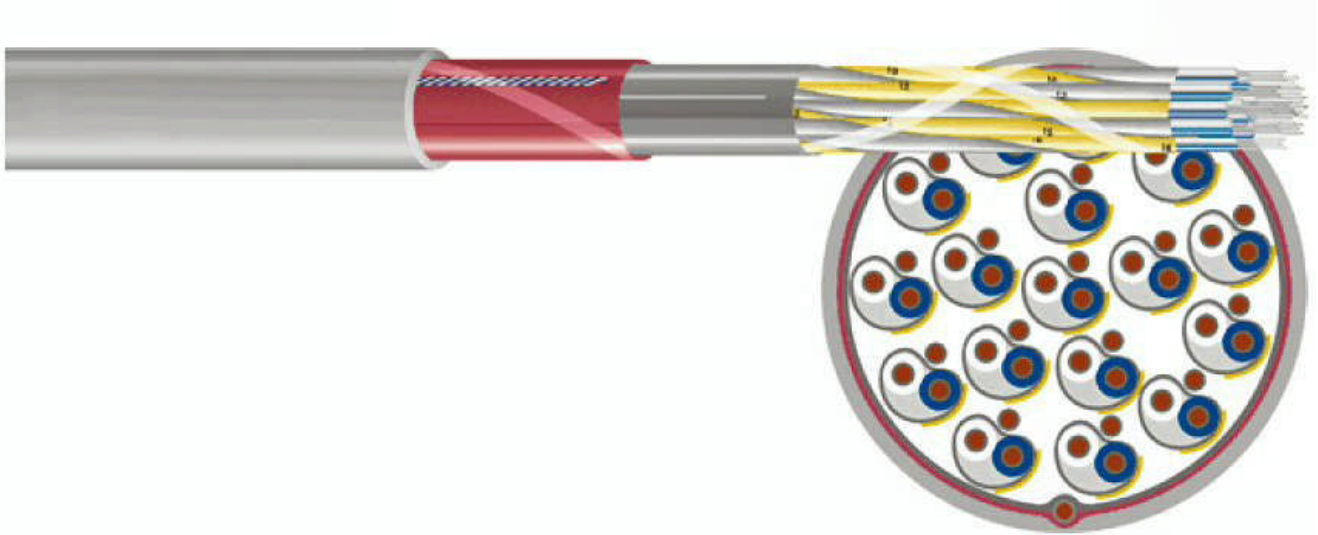
Symmetrical 120 Ω switching cable for 2 MBit/s

Application

Fixed in-house installation

Flame resistance

Oxygen Index LOI acc. to ASTM-D-2863	> 30 %
IEC 332-1	

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	Halogen free, grey (RAL 7035)

Mechanical properties

Operating temperature	- 30 ℃ to + 70 ℃
Installation temperature	- 5 ℃

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 (nominal) mm	standard length m	weight kg/km	copper content
1005575-01000DX	J-02YS(St)H	2x(2+1)x0.4	5.9	1000	31	10
1005570-01000DX	J-02YS(St)H	8x(2+1)x0.4	9.2	1000	79	34
1005574-00500DX	J-02YS(St)H	16x(2+1)x0.4	14.4	500	177	65
1005576-00500DX	J-02YS(St)H	24x(2+1)x0.4	16.9	500	249	97

[PRODUCT CODE TABLE]

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