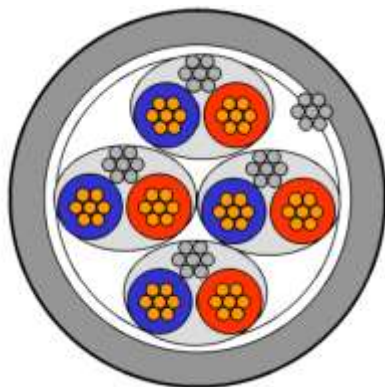


JAMAK® -HF Dca

Symmetrical Data Cable for industrial Control Equipment



Application

These symmetrical data transmission cables are used in control and supervision center for industrial sites. They are suitable for fixed installation inside housings.

Reaction to Fire

Flame IEC 60332-1
EN 50399 CPR Class Dca-s2,d2,a1

Construction

Conductor	Tinned stranded copper 7x 0.29 mm
Insulation	Solid PE (2Y), Ø 1.6mm
Conductor identification	a-conductor blue; b-conductor red
Individual Screen	Alum/PET foil + tinned drain wire 0.5mm ² + PET foil
Overall shielding	Laminated AL-foil + tinned copper drain wire 0.5 mm ² + PET foil
Outer sheath	LSZH (H), grey RAL 7035 + ripcord

Mechanical properties

Operating temperature	- 20 °C to + 70 °C
Min. Installation temperature	- 5 °C

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Electrical properties

at 20°C

Loop resistance	84 Ω/km
Insulation resistance (at 500 V, 1 min.)	2 GΩ*km
Capacitance at 800 Hz	85 nF/km
Max. operating voltage	75 V
Relative velocity factor NVP	0.66
Impedance (at 10 MHz)	70 Ω +/- 10 %
Frequency	attenuation
[kHz]	[dB/100 m]
9.6	0.3
19.2	0.5
64	0.7
100	0.9
200	1.6
1000	4.5

Technical data

Part no.	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content
60096598	JAMAK-HF	1x(2+1)x0.5	5.5	1000	33	14
60028731	JAMAK-HF	2x(2+1)x0.5	7.5	1000	62	33
60028732	JAMAK-HF	4x(2+1)x0.5	9.7	1000	104	60
60028753	JAMAK-HF	8x(2+1)x0.5	12.9	1000	190	117
60028754	JAMAK-HF	12x(2+1)x0.5	14.5	1000	270	172
60096597	JAMAK-HF	16x(2+1)x0.5	16.2	1000	365	228
60028755	JAMAK-HF	24x(2+1)x0.5	20.1	1000	500	342
60061275	JAMAK-HF	4x(2+1)x0.5	9.7	200	104	60

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