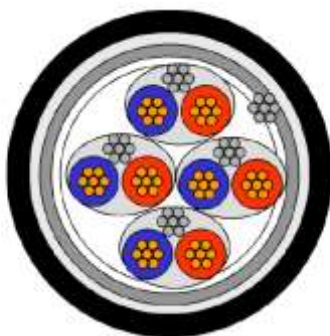


JAMAK®-ARM LSHF

Symmetrical Data Cable for industrial Control Equipment



Application

These symmetrical data transmission cables are used in control and supervision center for industrial sites. The cables with armoring and PE outer sheath are suitable for direct buried installation.

Flame protection

IEC 60332-1

Construction

Conductor	Stranded tinned copper 7x 0.29 mm (0.5 mm ²)
Insulation	PE (2Y), Ø 1.6mm
Conductor identification	a-conductor blue; b-conductor red
Twisting	2 conductors to pair
Pair shielding	AL/PET foil + tinned copper drain wire 0.5 mm ² + PET foil
Overall shielding	AL/PET foil + tinned copper drain wire 0.5 mm ² + PET foil
Inner sheath	LSHF (H), grey
Armoring	Steel tape, helically wound
Outer sheath	LSHF (H), black

Mechanical properties

Operating temperature	- 15 °C to + 70 °C
Min. Installation temperature	- 5 °C

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Electrical properties

at 20°C

Loop resistance	81 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	
60027481	JAMAK-ARM	4x(2+1)x0.5	12.8±0.5	1000	255	
60027482	JAMAK-ARM	8x(2+1)x0.5	15.3±0.5	1000	377	
60027483	JAMAK-ARM	12x(2+1)x0.5	18.3±0.8	1000	511	
60027484	JAMAK-ARM	24x(2+1)x0.5	24.0±1.0	1000	860	

[PRODUCT CODE TABLE]

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