

RAMCRO - BMS-PVC-BC-Screened Cable

For standard applications, flame retardant.

Multicore, PP-Insulation, Collective Screened, PVC-Sheath

SAS0403HBAXX-RB

Application

PVC sheathed multi-conductor cables are suitable for Building Management Systems (BMS), Sound, Audio, Security, Safety, Control and Instrumentation.

Construction

		Unit	Nominal Value
Formation	4 Cores		
Section	16 AWG		
Conductor	Plain annealed copper wire, Multistrand	mm	1,5
Insulation	Polypropylene - PP	mm	1,9
Colour Code	Black, Red, White, Green		
Individual Screen	N.A.		
Wrapping	at least 1 layer of plastic tape 0,023 mm		
Collective Screen	0,026 mm Aluminium / PETP tape over tinned copper drain wire		
Inner Sheath	N.A.		
Armour	N.A.		
Outer Sheath	Polyvinyl chloride - PVC - Grey RAL 7001	mm	5,7
Cable Printing	RAMCRO ITALY R1011 AUDIO CONTROL & INSTRUMENTATION CABLE 4C 16AWG SCREENED PVC 300 V 75 C IEC 60332-1/UL 1581 - SAS0403HBAXX-RB - "PROD.WEEK/20" + BATCH + METER MARKING		

Technical Data & Standard References

Fire Propagation:			
- Test on single cable	IEC 60332-1		
- Test on bunched cables	IEC 60332-3		
Limiting Oxygen Index (LOI)	(min 30%)		
Smoke Density	IEC 61034		
Amount of halogen acid gas	IEC 60754-1 (max 15%)		
Acidity (ph value) and conductivity	IEC 60754-2		
Sunlight resistance	UL 1581 section 1200		
Notes			
Type of Cable:	BMS-PVC-BC-Screened Cable		
Low Voltage Directive	2014/35/UE		
Other References:			

Electrical & Mechanical Data

Conductor Cross-section	Nom.	16 AWG	Temperature Range:	
DC Resistance per core at 20° C	max	Ω/km	15,47	° C -30°C up to 80°C
Insulation Resistance at 20° C	min	MΩ*km	1000	° C -30°C up to 80°C
Nominal Mutual Capacitance	max	pF/m	90	
Inductance	max	mH/km	1	Min. Bending Radius
Test Voltage - Core/Core	V	2000		mm
Test Voltage - Core/Screen	V	2000		8 x cable diameter
Operating Voltage	V			Max Pulling Tension
				N/mm2
				231
				Weight Approx
				kg/km
				74
				Put up length
				mt
				305

