

RAMCRO - BMS-PVC-BC-Screened Cable for standard applications, flame retardant.

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

SAS0206HBAXH-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	2 Cores		
Section	20 AWG		
Conductor	Plain annealed copper wire, 7 strand	mm	0,9
Insulation	Polypropylene - PP	mm	1,3
Colour Code	Black, Red		
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	3,6
Cable Printing	RAMCRO ITALY R1019 AUDIO CONTROL & INSTRUMENTATION CABLE 2C 20AWG SCREENED PVC 300 V 75 C IEC 60332-1/UL 1581 - SAS0206HBAXH-RB - "PROD.WEEK/18" + BATCH + METER MARKING		

Technical Data & Standard References

Fire Propagation:


- Test on single cable	IEC 60332-1
- Test on bunched cables	IEC 60332-3

Type of Cable: BMS-PVC-BC-Screened Cable
Low Voltage Directive 2014/35/UE

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	

Other References:

Electrical & Mechanical Data

Conductor Cross-section	Nom.	20 AWG	Temperature Range:		
DC Resistance per core at 20° C	max Ω/km	37,5	During Operation	° C	-30°C up to 80°C
Insulation Resistance at 20° C	min MΩ*km	1000	During Installation	° C	-30°C up to 80°C
Nominal Mutual Capacitance	max pF/m	100			
Inductance	max mH/km	1	Min. Bending Radius	mm	8 x cable diameter
Test Voltage - Core/Core	V	2000	Max Pulling Tension	N/mm2	48
Test Voltage - Core/Screen	V	2000	Weight Approx	kg/km	23
Operating Voltage	V	300	Put up length	mt	305

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