

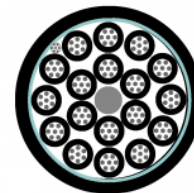


Technical Data

Document Reference

Data Sheet

TC CABLE



Ramcro Cable

For standard applications, flame retardant, Oil resistant

Multi-Core, PVC HT 105-Insulation, Collective Screen, PVC Oil Res.-Sheath

SAS2403HEACX-T-UL

PVC HT 105/CAM/PVC Oil Res.

Application

These cables are designed to connect electronic instrumentation, analog and digital signal circuits. This cable does not spread flame to the top of the tray in the Vertical-Tray Flame Test in UL 1685.

Construction		24x16AWG	
Formation	24 Cores	Unit	Nominal Value
Section	16AWG		
Conductor	Tinned copper wire, 7 strand	mm	1,4
Insulation	Hi Temperature Polyvinylchloride - PVC HT 105°C	mm	2,3
Colour Code	Customized Colors		
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, Oil Resistant - Black	mm	16,3
Cable Printing	RAMCRO ITALY TYPE TC - 24x16AWG CU CL2/PVC/CAM/ PVC 600V MIL UL 1581 105°C MONTH/YEAR + BATCH + METER MARKING		

Technical Data & Standard References

Fire Propagation:		Type of Cable:	TC Cable
- Test on single cable	IEC 60332-1	Low Voltage Directive	2014/35/UE
- Test on bunched cables	IEC 60332-3		
- Vertical Tray Flame Test	UL1685		
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			

Electrical & Mechanical Data

Conductor Cross-section	Nom.	16AWG	Temperature Range:	
DC Resistance per core at 20° C	max Ω/km	13,5	During Operation	° C -30° C up to +105°C
Insulation Resistance at 20° C	min MΩ*km	25	During Installation	° C -5° C up to +50°C
Mutual Capacitance	max nF/km	250		
Inductance	max mH/km	1	Min. Bending Radius	mm 10 x cable diameter
Test Voltage - Core/Core	V	2000	Weight Approx	kg/km 476
Test Voltage - Core/Screen	V	2000		
L/R Ratio	max μH/Ω	40		
Operating Voltage	V	600		



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Form 1

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