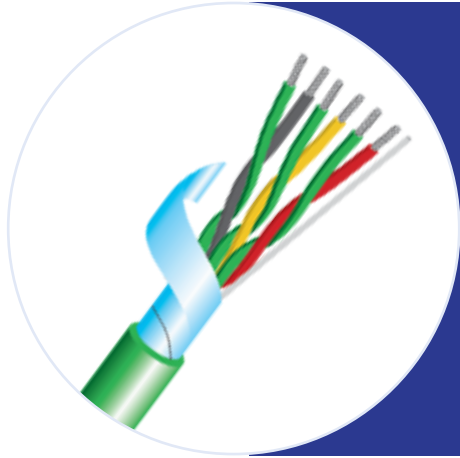


ChimeraX™ Data Control Cable

UL 2464 Overall Screen Control Cable 16~24AWG



ChimeraX™ UL2464 screen control cables are designed for measurement, monitoring and control which are suitable for using at machine manufacturing, equipment installation engineering, power plant, heating and air conditioning systems, refrigeration equipment, office equipment and data processing system and so on.

SPECIFICATION

Conductor Material	Annealed stranded tinned copper
Insulation Material	SR-PVC
Pair Colour Coding	1 Pair White/Brown
Pair Colour Coding	2 Pairs White/Brown, Green/Yellow
Pair Colour Coding	4 Pairs White/Brown, Green/Yellow, Grey/Pink, Blue/Red
Drain Wire	Stranded Tinned Copper
Overall Shielding	Al-Mylar Tape overlapping $\geq 25\%$
Jacket Type	PVC or LSOH

Conductor Size Number of Pair	16 AWG			18 AWG			20 AWG			22 AWG			24 AWG		
	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4
Conductor \varnothing mm	26 * 0.254			16 * 0.254			21 * 0.18			17 * 0.16			11 * 0.16		
Insulation \varnothing mm	2.15 \pm 0.2			1.9 \pm 0.2			1.6 \pm 0.2			1.3 \pm 0.2			1.1 \pm 0.2		
Drain Wire \varnothing mm	7 * 0.254mm														
Cable Overall Diameter \varnothing mm	6.5 \pm 5%	9.0 \pm 5%	11.0 \pm 10%	5.6 \pm 5%	8.0 \pm 5%	10.0 \pm 10%	5.0 \pm 5%	6.4 \pm 5%	8.0 \pm 5%	4.6 \pm 5%	5.5 \pm 5%	7.0 \pm 5%	4.0 \pm 5%	5.0 \pm 5%	6.7 \pm 5%

FIRE RATING

PVC Jacket	IEC 60332-1-1/2
LSOH Jacket	IEC 60332-1-1/2
	IEC 60754-1 & 2
	IEC 61034-2

ChimeraX™ Data Control Cable

UL 2464 Overall Screen Control Cable 16~24AWG

MECHANICAL & ELECTRICAL PROPERTIES

Conductor Size	16 AWG			18 AWG			20 AWG			22 AWG			24 AWG		
	1	2	4	1	2	4	1	2	4	1	2	4	1	2	4
Rated Temperature	80°														
Bend Radius	10 * D														
Operating Temperature Range	-20°C ~ 70°C														
Max. Conductor DC Resistance (@ 20 ± 5°)	14.6 ohms/km			23.6 ohms/km			36.0 ohms/km			56.0 ohms/km			86.6 ohms/km		
Max. Operating Voltage	300V														

ORDERING INFORMATION

** CC-1XXYYZ

1) XX= Conductor Size (16/16AWG, 18/18AWG...)

2) YY= No. of Pair (02/2 pairs, 04/4 pairs)

3) Z = Jacket Material (1/PVC, 2/LSOH)

Remark: Hermesys ChimeraX sytle 2464 <XX>AWG <X>Pairs Type Jacket MMYX XXXXm