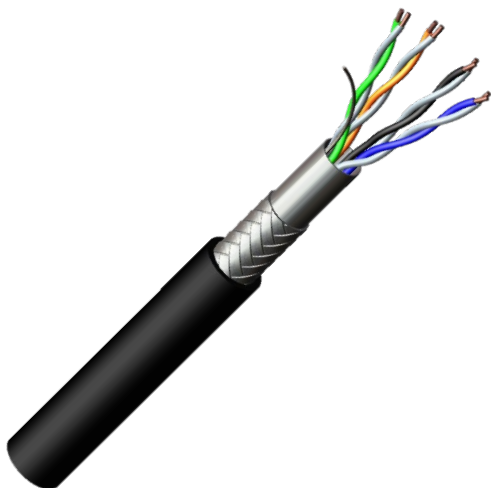


Chimera^X MODBUS RS-485 1~4 PAIR 24AWG

Cable Specification



- not to scale -

- **CONDUCTOR:** STRANDED TINNED COPPER .
- **INSULATION:** FOAM PE
- **SCREEN:** AL-MYLAR WRAP OVERLAPPING
- **DRAIN WIRE:** STRANDED TINNED COPPER
- **BRAID SHIELD:** TINNED COPPER
- **OUTER JACKET:** PVC OR LSOH GREY

Technical data

Conductor	Pair	1	2	3	4
Conductor Size (Nom)	mm	7*0.2 (24AWG)			
Insulation (OD Nom)	mm	1.70 ± 0.2			
Screen Coverage	%	100			
Color Code	White*Blue/White*Orange/White*Green/White*Brown				
Drain Wire (Nom)	mm	7*0.2			
Braid Shield (Nom)	mm	0.12			
Braid Shield Coverage	%	≥90			
Outer Jacket (OD Nom)	mm	6 ± 5%	8.6 ± 5%	9.1 ± 5%	9.9 ± 5%
Fire Rating	IEC 60332-1-1/2		UL CM Grade		

Mechanical Properties

Bend Radius	10 * OD				
Operating Temperature Range	°C	-20 to 70			

Electrical Properties

Max.Conductor DC Resistance	20±5 °C	≤85Ω/km
Impedance	200 mhz	120 Ω ± 10%
Capacitance Conductor to Conductor		42.0 Pf/m ± 15%
Nom capacitance conductor to other conductor & shield		75.4 Pf/m ± 15%
Max. Operating Voltage		300V

Sheath Colour:

THE OUTER SHEATH IS GREY (RAL 7046)

Sheath Marking:

THE OUTER SHEATH IS MARKED IN 1 METER INTERVALS AS FOLLOWS:

HERMESYS CHIMERAX RS485 (NUMBER OF PAIR)P CONDUCTOR SIZE <HERMESYS PRODUCT P/N> <YYMM> (xxxx)
M

Logistic Information

Packing:

WOODEN DRUMS WITH PROTECTION.

Delivery Lengths:

STANDARD DELIVERY LENGTH IS 500M PER DRUM WITH A TOLERANCE OF ± 5%.