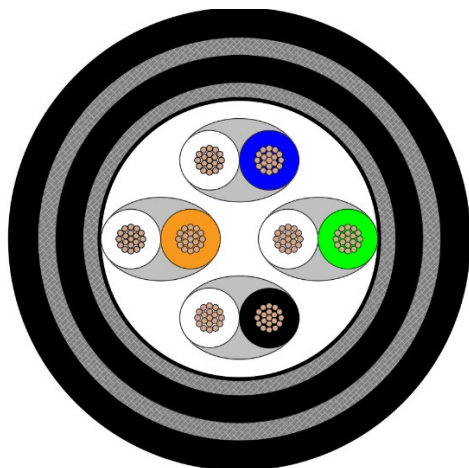


Chimera^X MODBUS RS-485 1~4 PAIR 1mm² SWB FR-LSOH

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
- **INNER JACKET:** LSOH
- **ARMOUR:** STEEL WIRE BRAIDING
- **OUTER JACKET:** FR-LSOH

Technical data

Conductor	Pair	1	2	3	4
Conductor Size (Nom)	mm	19*0.235 （1mm ² ）			
Insulation （OD Nom）	mm	2.70 ± 0.2			
Screen Coverage	%	100			
Color Code	White*Blue/White*Orange/White*Green/White*Brown				
Drain Wire (Nom)	mm	7*0.254			
Braid Shield (Nom)	mm	0.12			
Braid Shield Coverage	%	≥65			
Inner Jacket (OD Nom ± 5%)	mm	8.20	12.00	12.70	14.00
Armour Steel Wire Braiding	mm	0.3			
Outer Jacket (OD Nom ± 5%)	mm	12.4	16.2	16.90	18.20
Fire Rating			IEC 60332-1-1/2	IEC 60332-3C	
Low Smoke & Zero Density Rating			IEC 61034	IEC 60754-1&2	

Mechanical Properties

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

Max.Conductor DC Resistance	20±5 °C	≤23.2Ω/km
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Impedance	200 mhz	120 Ω ± 10%
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Capacitance Conductor to Conductor	40.0 Pf/m ± 15%
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Nom capacitance conductor to other conductor & shield	75.0 Pf/m ± 15%
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Max. Operating Voltage	300V
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Sheath Colour:

THE OUTER SHEATH IS BLACK (RAL 9002)

Sheath Marking:

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

**HERMESYS CHIMERAX RS485 SWB FR-LSOH (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%.

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