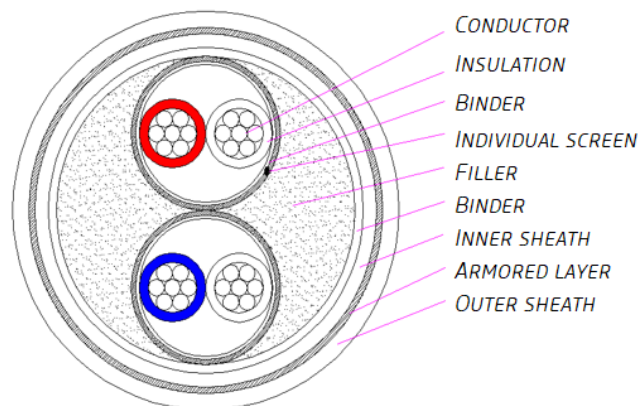




ChimeraX™ 2P×2.5mm² Pilot Cable

CU/XLPE/ARMORED/LSOH



Flame Resistant

IEC 60332-1-1

IEC 60332-1-3

IEC 60332-3-22

Design Reference

IEC60502-2:2005

Working Conditions

Storage Temperature

0°C ~ +90°C

Installation Temperature:

0°C ~ +60°C

Operation Temperature

0°C ~ +90°C

Technical data

No. x Cross section	2P × 2.5mm ² -	
Conductor Material	Class 2 copper	
Insulation	XLPE	
Thickness of Insulation (Nom.)	mm	0.7
Insulation Color	White,Red/White,Blue	
Binder 1	Polyester tape	
No. × thickness of Binder 1 (Nom.)	mm	2×0.05
Individual screen	Aluminium/polyester tape	
Thickness of Individual screen (Nom.)	mm	0.05
Drain wire	mm ²	0.5 (16/0.20)
Filler	PP yarn	
Binder 2	Non-woven Fabric	
No. × thickness of Binder 2 (Nom.)	mm	1×0.2
Inner Sheath	Black LSOH	
Thickness of Inner Sheath (Nom.)	mm	1.0
Armored Layer	Galvanized steel tape	
No. × Thickness of Armored Layer (Nom.)	mm	2×0.2
Outer Sheath	Black LSOH with Anti-termite UV	
Thickness of Outer Sheath (Nom.)	mm	1.5
Overall Diameter (Nom.)	mm	19.5



Mechanical & Electrical Property

No.	Mechanical Specification	Unit	Designed Value
1	Rated voltage	kV	0.6/1
2	Voltage test	kV/min	The cable shall be subjected to a test voltage of 5kV , held for a period of 1 min , No breakdown shall occur
3	Max. DC resistance of conductor @20°C	Ω/km	≤7.41
4	Max. Continuous conductor temp	°C	90

Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX 2P×2.5mm² PILOT CABLE WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

2 km per drum or according to customer requirements

Info@hermesys.com
Phone +65 66921168
42 Emerald Hill Road, Singapore



Hermesys 2015, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Hermesys: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Hermesys. The information is believed to be correct at the time of issue. Hermesys reserves the right to amend this specification without prior notice.

www.hermesys.com