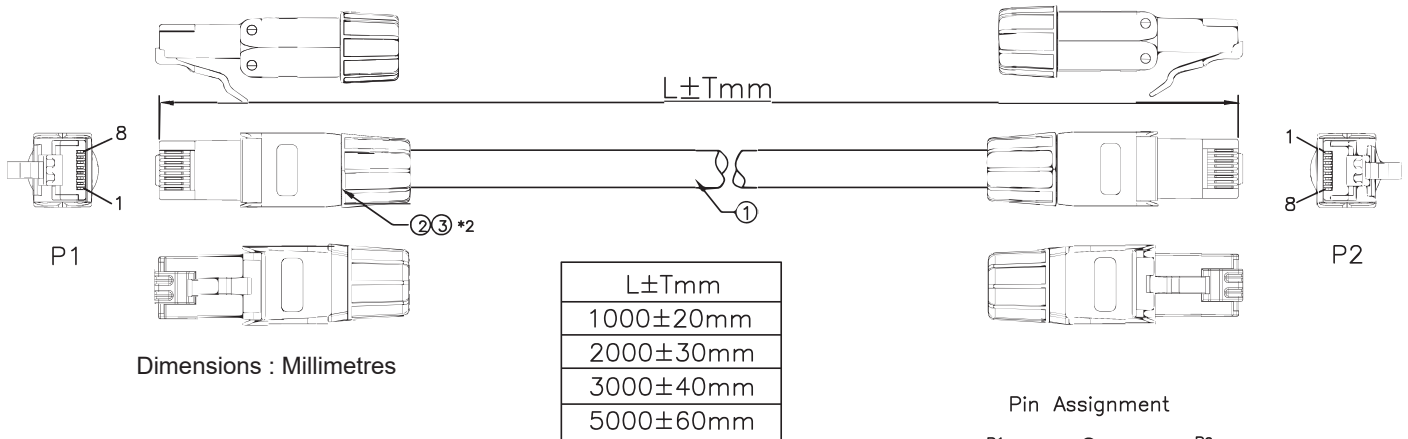


**RoHS  
Compliant**



## Specifications

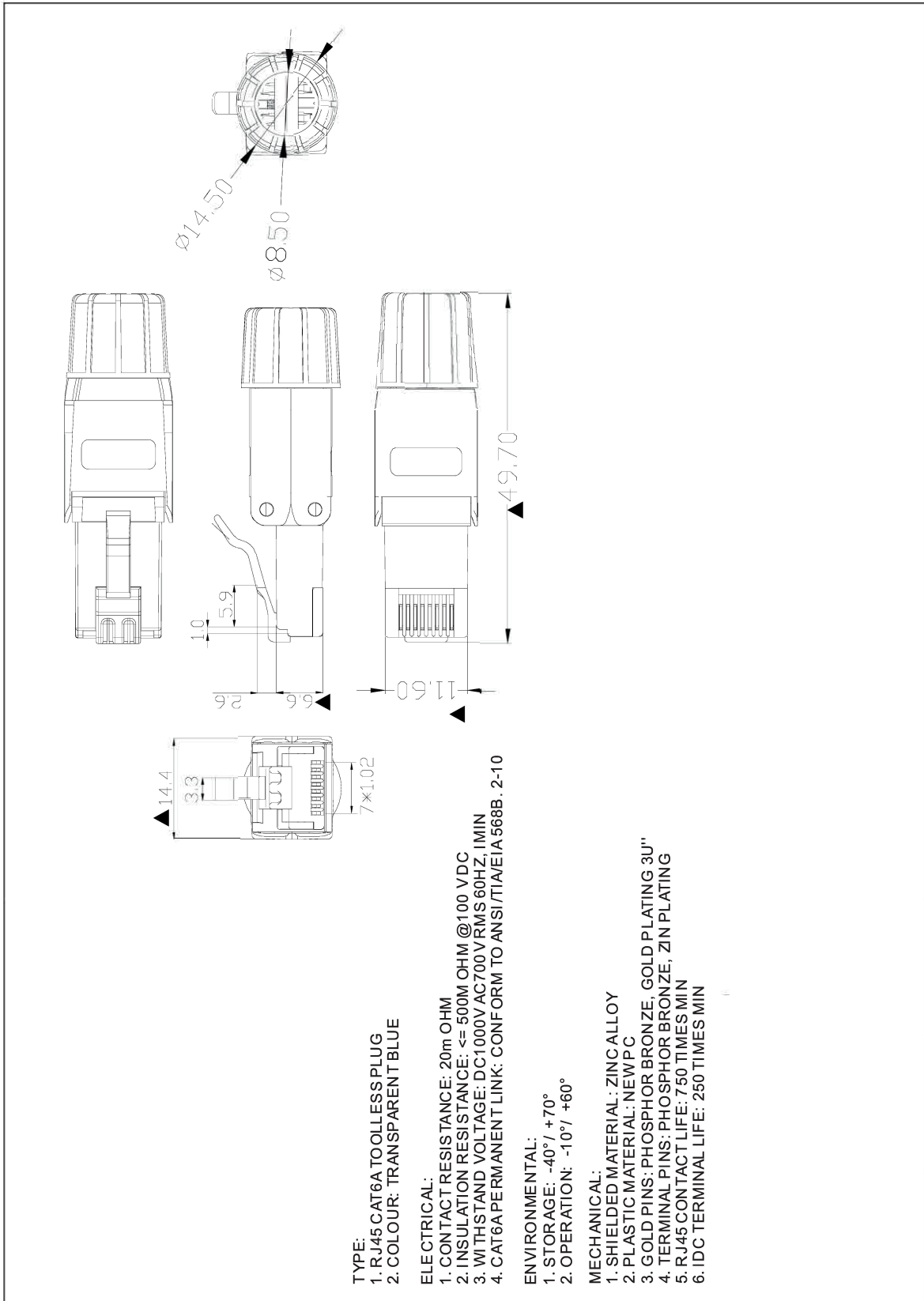
Connector to Connector	: RJ45 Plug to RJ45 Plug
LAN Category	: Cat8
Contact Resistance	: 3Ω (Max.)
Insulation Resistance	: DC 300V/10ms, 10MΩ (Min.)
Jacket Colour	: Yellow



### Electrical Test:

1. 100% Test (Open, short, misswire)
2. Contact Resistance: 3ohm (max).
3. Insulation Resistance: DC 300V/10ms, 10Mohm (MIN)

No.	Description	Qty.	Unit
1	No-ulCat8 S/FTP[Z7AcG(7/0.16BC)+1P+A]+4a(Corewire OD:1.2m) B12Alalwo Yellow(PVC001-0001) halfE:S/FTPCat8 27AWG+4P	L	m
2	Cat8 RJ45 8P8C, White insulation, Pin Plated gold 3μ"	2	Pcs
3	Double conductive copper foil, 25μ, W=5mm	0.07	m



Specification: CAT.8 S/FTP (#26*1P+A)*4+B																																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;"><b>Cross Section</b></p> </div> <div style="width: 45%;"> <p style="text-align: center;"><b>Colour</b></p> <p>1P: Blue &amp; White for Blue                  2P: Orange &amp; White for Orange                  3P: Green &amp; White for Green                  4P: Brown &amp; White for Brown</p> </div> </div>																																																																		
<b>Jet Print</b>																																																																		
<b>Performance</b>																																																																		
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 30%;">Item</th> <th style="width: 30%;">A</th> <th style="width: 40%;">Electrical Characters:</th> </tr> </thead> <tbody> <tr> <td rowspan="3"><b>Conductor</b></td> <td>Construction(mm)</td> <td>7/0.160±0.005mm</td> </tr> <tr> <td>Material</td> <td>Bare Copper</td> </tr> <tr> <td>Cabling OD(mm)</td> <td>0.48</td> </tr> <tr> <td rowspan="4"><b>Insulation</b></td> <td>Material</td> <td>PE</td> </tr> <tr> <td>OD(mm)</td> <td>1.20±0.05</td> </tr> <tr> <td>Avg. Thickness(mm)</td> <td>0.35</td> </tr> <tr> <td>Color</td> <td>1, 2, 3, 4</td> </tr> <tr> <td colspan="2"><b>Cores Twisted</b></td> <td>2.1(Ref.)</td> </tr> <tr> <td rowspan="2"><b>Drain</b></td> <td>Construction(mm)</td> <td>----</td> </tr> <tr> <td>Material</td> <td>----</td> </tr> <tr> <td rowspan="2"><b>Al</b></td> <td>Constructive Side</td> <td>Outside</td> </tr> <tr> <td>Overlap Rate</td> <td>25%</td> </tr> <tr> <td rowspan="2"><b>Mylar</b></td> <td>Overlap Rate</td> <td>----</td> </tr> <tr> <td>Assemble Cabling OD(mm)</td> <td>5.5(Ref.)</td> </tr> <tr> <td rowspan="2"><b>Mylar</b></td> <td>Overlap Rate</td> <td>----</td> </tr> <tr> <td>Al Constructive Side</td> <td>----</td> </tr> <tr> <td rowspan="2"><b>Drain</b></td> <td>Construction(mm)</td> <td>----</td> </tr> <tr> <td>Material</td> <td>----</td> </tr> <tr> <td rowspan="3"><b>Braid</b></td> <td>Construction(mm)</td> <td>16/10/0.12±0.005</td> </tr> <tr> <td>Material</td> <td>Aluminium Magnesium Alloy Wire</td> </tr> <tr> <td>Coverage</td> <td>85%</td> </tr> <tr> <td rowspan="5"><b>Jacket</b></td> <td>Material</td> <td>PVC (Semi-matte)</td> </tr> <tr> <td>OD(mm)</td> <td>8.2±0.20</td> </tr> <tr> <td>Avg. Thickness(mm)</td> <td>0.9</td> </tr> <tr> <td>Color</td> <td>YELLOW (PVC016-4010)</td> </tr> <tr> <td>Jet Print Color</td> <td>BLACK</td> </tr> </tbody> </table>		Item	A	Electrical Characters:	<b>Conductor</b>	Construction(mm)	7/0.160±0.005mm	Material	Bare Copper	Cabling OD(mm)	0.48	<b>Insulation</b>	Material	PE	OD(mm)	1.20±0.05	Avg. Thickness(mm)	0.35	Color	1, 2, 3, 4	<b>Cores Twisted</b>		2.1(Ref.)	<b>Drain</b>	Construction(mm)	----	Material	----	<b>Al</b>	Constructive Side	Outside	Overlap Rate	25%	<b>Mylar</b>	Overlap Rate	----	Assemble Cabling OD(mm)	5.5(Ref.)	<b>Mylar</b>	Overlap Rate	----	Al Constructive Side	----	<b>Drain</b>	Construction(mm)	----	Material	----	<b>Braid</b>	Construction(mm)	16/10/0.12±0.005	Material	Aluminium Magnesium Alloy Wire	Coverage	85%	<b>Jacket</b>	Material	PVC (Semi-matte)	OD(mm)	8.2±0.20	Avg. Thickness(mm)	0.9	Color	YELLOW (PVC016-4010)	Jet Print Color	BLACK
Item	A	Electrical Characters:																																																																
<b>Conductor</b>	Construction(mm)	7/0.160±0.005mm																																																																
	Material	Bare Copper																																																																
	Cabling OD(mm)	0.48																																																																
<b>Insulation</b>	Material	PE																																																																
	OD(mm)	1.20±0.05																																																																
	Avg. Thickness(mm)	0.35																																																																
	Color	1, 2, 3, 4																																																																
<b>Cores Twisted</b>		2.1(Ref.)																																																																
<b>Drain</b>	Construction(mm)	----																																																																
	Material	----																																																																
<b>Al</b>	Constructive Side	Outside																																																																
	Overlap Rate	25%																																																																
<b>Mylar</b>	Overlap Rate	----																																																																
	Assemble Cabling OD(mm)	5.5(Ref.)																																																																
<b>Mylar</b>	Overlap Rate	----																																																																
	Al Constructive Side	----																																																																
<b>Drain</b>	Construction(mm)	----																																																																
	Material	----																																																																
<b>Braid</b>	Construction(mm)	16/10/0.12±0.005																																																																
	Material	Aluminium Magnesium Alloy Wire																																																																
	Coverage	85%																																																																
<b>Jacket</b>	Material	PVC (Semi-matte)																																																																
	OD(mm)	8.2±0.20																																																																
	Avg. Thickness(mm)	0.9																																																																
	Color	YELLOW (PVC016-4010)																																																																
	Jet Print Color	BLACK																																																																
<p>MP008778 C04180-00306CAT8 SFTP CABLE, 1M, YELLOW, 27AWG                  MP008779 C04180-00307CAT8 SFTP CABLE, 2M, YELLOW, 27AWG                  MP008780 C04180-00308CAT8 SFTP CABLE, 3M, YELLOW, 27AWG                  MP008781 C04180-00309CAT8 SFTP CABLE, 5M, YELLOW, 27AWG</p>																																																																		
<p>Part No.: Spec No:                  Customer: Customer No:                  Date: 2022-5-19 Rev.:A</p>																																																																		
<b>Revision History</b>																																																																		
A0010315-00004 PVC016-4010																																																																		
<p>Approved by: _____ Prepared by: _____                  Checked by: _____</p>																																																																		

## Part Number Table

Description	L ±T (mm)	Part Number
Ethernet Cables, SFTP, Cat8, RJ45 Plug to RJ45 Plug, Yellow	1000 ±20	MP008778
	2000 ±30	MP008779
	3000 ±40	MP008780
	5000 ±60	MP008781

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.