



Product: [C6P9xyyzzzz](#)



CAT6, 24 AWG, UTP, PVC, Stranded Patch Cord, 8MOD-8MOD

Product Description

CAT6, 24 AWG, UTP, PVC, Stranded Patch Cord, 8MOD-8MOD

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
24	Stranded	BC - Bare Copper	4

Outer Jacket

Material
PVC - Polyvinyl Chloride

Packaging: Individually packaged in a clear plastic bag.

Connectors

Materials

Description	Material
Plug Housing material	PC - Polycarbonate, UL 94V-2 rated
Contact Blade material	Phosphor bronze plated with 50u" gold over 100u" nickel undercoat

Electrical Characteristics

Dielectric Strength:	1000 VAC
Current Rating:	1.5 A
Insulation Resistance:	100 M-Ohm Minimum
Max Contact Resistance:	20 mOhm

Voltage

Voltage Rating [V]
72 VDC

Temperature Range

Operating Temperature Range:	-10°C to +60°C
------------------------------	----------------

Mechanical Characteristics

Plug /Jack Compatibility:	RJ45
---------------------------	------

Termination Interface

Durabilities
750 mating cycles

Standards

ISO/IEC Compliance:	IEC 60603-7, IEC 11801
Data Category:	Category 6
TIA/EIA Compliance:	TIA-568.2-D
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

EU Directive 2002/95/EC (RoHS):	Yes
---------------------------------	-----

Related Part Numbers

Variants

Item #	Color	Length
C6P9106007F	Blue	4 ft
C6P9106010F	Blue	10 ft
C6P9106002M	Blue	2 m
C6P9106003M	Blue	3 m
C6P9108007F	Gray	7 ft
C6P9108010F	Gray	10 ft
C6P9108002M	Gray	2 m
C6P9108003M	Gray	3 m
C6P9105007F	Green	7 ft
C6P9105010F	Green	10 ft
C6P9105002M	Green	2 m
C6P9105003M	Green	3 m
C6P9119007F	Pink	7 ft
C6P9119010F	Pink	10 ft
C6P9119002M	Pink	2 m
C6P9119003M	Pink	3 m
C6P9102007F	Red	7 ft
C6P9102010F	Red	10 ft
C6P9102002M	Red	2 m
C6P9102003M	Red	3 m
C6P9109007F	White	7 ft
C6P9109010F	White	10 ft
C6P9109002M	White	2 m
C6P9109003M	White	3 m
C6P9104007F	Yellow	7 ft
C6P9104010F	Yellow	10 ft

Product Notes

Notes:	CAT6 Modular Patch Cords are constructed by CAT 6/Class E UTP 4 Pair, 24 AWG cord cable and terminated with RJ45 plugs at both ends, molded boot provides good strain relief performance. Factory terminated and 100% test keep the products quality guaranteed. Both T568A and T568B wire scheme as well as different jacket colors available.
--------	---

History

Update and Revision:	Revision Number: 0.8 Revision Date: 03-18-2024
----------------------	--

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.