



**C2G**  
**25ft (7.62m) Cat6 Snagless Unshielded (UTP) Slim Ethernet Network Patch Cable - Orange**  
Part No. AVD\_CG\_C2G02228



The Cat6 Snagless Unshielded (UTP) Slim Network Patch Cable is the perfect solution for high density datacenter applications. The use of 28 AWG conductors allows for a 36% reduction in diameter over a standard Cat6 network patch cable. This reduced diameter provides a smaller cable surface area which allows for increased airflow when compared to standard Cat6 cables. The 28 AWG conductors also allow this cable to have a smaller bend radius than standard Cat6 cables. The small size and small bend radius of this cable allows it to be easily routed through cable management panels.

This cable is designed for fast Ethernet networks that require bandwidth-intensive voice, data, or video distribution applications. Constructed from high quality copper cable, this design minimizes Near-End Crosstalk (NEXT) levels. The molded, snagless boot prevents unwanted cable snags during installation and provides extra strain relief. Available in a variety of colors to easily color-code your network installation.

- This patch cable does not meet the recommend conductor size, 22-26AWG, requirement of ANSI/TIA-568-C.2. Attenuation is increased due to the smaller 28AWG conductors.

Maximum cable length recommendations:

- 96 Meter Channel (90 meters of horizontal cable and up to 6 meters of slim network patch cables)
- 93 Meter Channel (83 meters of horizontal cable and up to 10 meters of slim network patch cables)
- For POE/POE+ applications we limit bundles to 40 cables due to heat dissipation of these reduced diameter cables.

## Features & Benefits

36% reduction in diameter compared to standard Cat5e cables

Snagless connector design

Meets the ANSI/TIA-568-C.2 standard for Patch Cord Performance

28AWG construction

## Specifications

### General Info

Product Line	C2G	Color	Orange
UPC Number	757120022282	Country Of Origin	Vietnam
Features	PoE (Power Over Ethernet), Stranded Conductors, Stranded Copper	Application Sector	Commercial, Industrial, Residential
Warranty Type	Lifetime	Type	Cable

### Dimensions

Product Width US	12.5 in	Product Weight US	0.309 lb
Product Depth US	8.0 in	Product Height US	0.5 in
Product Length US	25.0 FT	Cable Length	25 ft

Listing Agencies / 3rd Party Agencies

CE Certified	Yes	REACH Compliant	Yes
--------------	-----	-----------------	-----

Additional Information

RoHS Compliant	Yes
----------------	-----

Technical Information

Jacket Material	PVC (Polyvinyl Chloride)	Operating Temperature Min	-20 °C
-----------------	--------------------------	---------------------------	--------

Category Performance Rating	Cat 6	Wire Gauge	28 AWG
-----------------------------	-------	------------	--------

Plating Specification	50 µ in Gold	Jacket Application	Standard Non-Rated
-----------------------	--------------	--------------------	--------------------

Bend Radius	15.2 mm	Shielded/Unshielded	Unshielded
-------------	---------	---------------------	------------

Conductor	4-Pair Twisted	Operating Temperature Max	80 °C
-----------	----------------	---------------------------	-------

Shield Type	UTP	Cable Type	Ethernet Patch Cable
-------------	-----	------------	----------------------

Jacket Rating	Standard / Non-Rated	Cable Diameter	3.8 mm
---------------	----------------------	----------------	--------

Connector Material	Gold	Data Transfer Rate	10 Gbps
--------------------	------	--------------------	---------

Connector Type	Slim	Indoor/Outdoor	Indoor
----------------	------	----------------	--------

Connector 2	RJ-45 Male	Connector 1	RJ-45 Male
-------------	------------	-------------	------------

Bandwidth	500 mHz	Operating Temperature	-20°-80°C
-----------	---------	-----------------------	-----------

Operating Humidity	10-80% RH (Non-Condensing)	Conductor Material	Copper
--------------------	----------------------------	--------------------	--------

Voltage	30.0 V	Insulation Material	FMPE (Foam Polyethylene)
---------	--------	---------------------	--------------------------

Storage Temperature	-20° - 80° C
---------------------	--------------