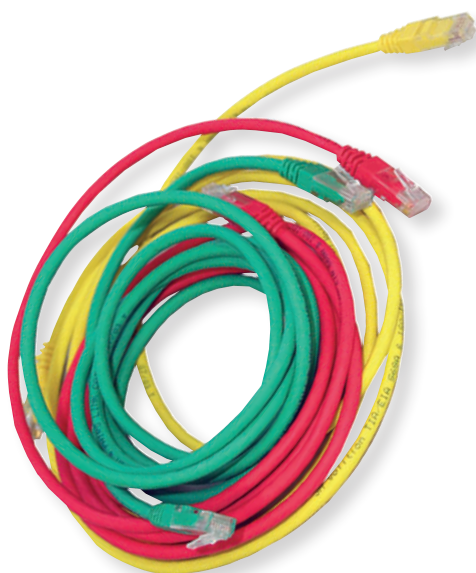




## Data Sheet

# 3M™ Volition™ Category 6 RJ45 Patch Cables



Category 6 RJ45 Patch Cables

Part of 3M™ Volition™ Network Solutions, these Category 6 patch cables allow you to complete your Category 6 system to EIA/TIA 568 or ISO 11801 Class E and EN 50173-1 Class E performance.

The RJ45 patch cables are available in either UTP or SFTP cable to ensure the appropriate electromagnetic compatibility protection level your customer requires.

The patch cables are supplied in lengths of 0.5, 1, 2, 3, 4, 5, 7, 10, 12, 15 and 20 metres in the following configurations:

- Category 6 UTP PVC
- Category 6 UTP LSOH
- Category 6 SFTP LSOH

The patch cables comply with Flame Retardancy Standard IEC 60332-1.

LSOH versions are also compliant with IEC 60754-1 as required by the European Standard EN 50173.

Features	Benefits
<ul style="list-style-type: none"><li>• Optimisation with 3M Volition RJ45 K6 jacks</li></ul>	... offers best channel performance
<ul style="list-style-type: none"><li>• Moulded boot</li></ul>	... better mechanical protection and ensures the minimum bend radius is not exceeded
<ul style="list-style-type: none"><li>• Available in 0.5, 1, 2, 3, 4, 5, 7, 10, 12, 15 and 20 metre lengths</li></ul>	... flexibility to complete the system to your requirements
<ul style="list-style-type: none"><li>• UTP and SFTP versions</li></ul>	... solutions for all levels of EMC protection

## Specifications

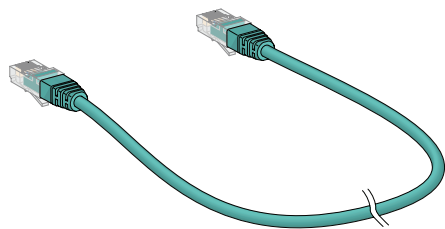
- 3M branded
- Category 6 link component
- Moulded boot
- Four pairs of flexible multi-stranded copper conductors
- Polyethylene conductor insulation to NFC 32060
- Two types of outer jacket depending on user requirements: PVC or low smoke zero halogen (LSOH\*) material with flame retardant properties to IEC 60332-1

### SFTP version

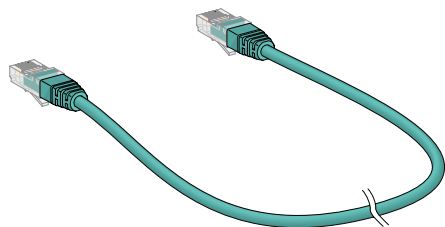
- Synthetic water-repellent tape
- General shielding by copper braid
- Pair by pair shielding by aluminium/polyester tape

\* compliant with Standard IEC 60754-1

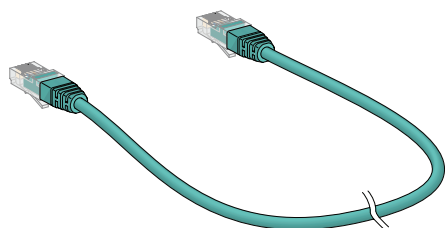
## Ordering information



Volition™ Category 6 RJ45 to RJ45 Patch Cable, UTP, PVC		Ref No
Length	0.5m	VOL-6UP-L0.5
	1.0m	VOL-6UP-L1
	2.0m	VOL-6UP-L2
	3.0m	VOL-6UP-L3
	4.0m	VOL-6UP-L4
	5.0m	VOL-6UP-L5
	7.0m	VOL-6UP-L7
	10.0m	VOL-6UP-L10
	12.0m	VOL-6UP-L12
	15.0m	VOL-6UP-L15
	20.0m	VOL-6UP-L20



Volition™ Category 6 RJ45 to RJ45 Patch Cable, UTP, LSOH		Ref No
Length	0.5m	VOL-6UL-L0.5
	1.0m	VOL-6UL-L1
	2.0m	VOL-6UL-L2
	3.0m	VOL-6UL-L3
	4.0m	VOL-6UL-L4
	5.0m	VOL-6UL-L5
	7.0m	VOL-6UL-L7
	10.0m	VOL-6UL-L10
	12.0m	VOL-6UL-L12
	15.0m	VOL-6UL-L15
	20.0m	VOL-6UL-L20



Volition™ Category 6 RJ45 to RJ45 Patch Cable, SSTP, LSOH		Ref No
Length	0.5m	VOL-6SSL-L0.5
	1.0m	VOL-6SSL-L1
	2.0m	VOL-6SSL-L2
	3.0m	VOL-6SSL-L3
	4.0m	VOL-6SSL-L4
	5.0m	VOL-6SSL-L5
	7.0m	VOL-6SSL-L7
	10.0m	VOL-6SSL-L10
	12.0m	VOL-6SSL-L12
	15.0m	VOL-6SSL-L15
	20.0m	VOL-6SSL-L20

Also available in red, yellow, green and blue

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to the prevailing law. If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price of the goods or services. Except as set out above, all warranties and conditions, whether express or implied, statutory or otherwise are excluded to the fullest extent permissible at law.



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