

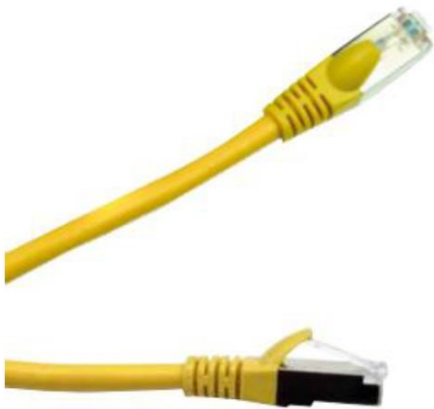


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# Datasheet

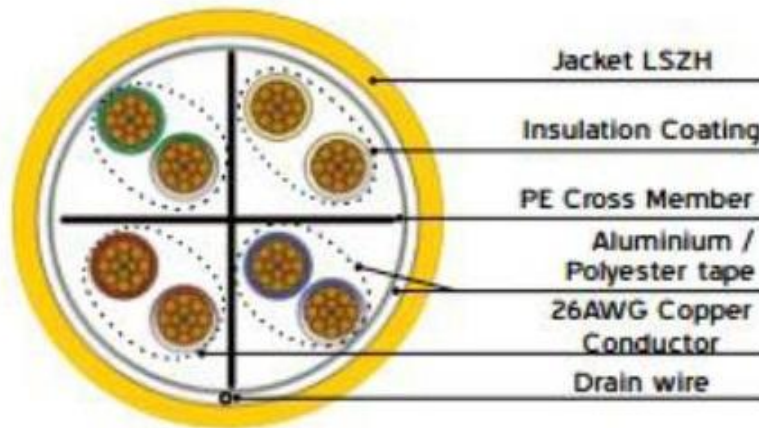
## Straight Through Cable Assembly

RS Stock number 778-5168



### Specifications:

Construction	Value	
Conductors	AWG	26
	Size(mm)	7/0.20 +/- 0.008
	Material	Bare Copper
Insulators	Diameter (mm)	0.97+/-0.05
	Material	Polyolefin
Jacket	External O.D	6.0 +/- 0.20
	Thickness (mm)	0.5
	Material	PVC or LSZH
Tape	Material	Aluminium/Polyester
	Coverage	125



## Features:

- > Electrically compliant beyond 250MHz
- > Low Smoke Zero Halogen / PVC sheathed cable
- > Low profile moulded strain relief boot for use with blade servers
- > PimF style cable (Individual foil screened pairs with overall foil screen)
- > Screened category 6A RJ45 plug
- > Integral anti-snag latch as standard
- > 8 standard colours
- > 7 standard lengths (1m, 2m, 3m, 5m, 10m, 15m, & 20m)
- > Other lengths and colours available upon request\*
- > Individually bagged with traceability information
- > Part of the 25 year systems warranty programme

## Screen Category 6a Copper LSZH Patch Cords

Category 6A Screened patch cords exceed the transmission line performance requirements of IEC and TIA for class EA/category 6A systems. The products are designed for mechanical and electrical reliability using quality materials and processes to produce a patch cord solution which delivers a consistent high level of systems performance whilst incorporating design features that allow a “one style fits all” cord application. The low profile moulded boot and snag free latching allows the patch cords to be deployed within even the most densely populated network installations utilising the latest blade server technology.

Each category 6A patch cord is manufactured and tested in accordance with IEC 61935-2 and comply with the requirements of ISO/IEC 11801 (2nd Edition): 2010 and TIA 568C and support all applications designed for class EA/category 6A applications such as ATM 1200, 1000BASE-T (Gigabit Ethernet) and 1G FCBASE-T.