



Patch cords  
non-snag-proof

**2.5/5**  
Gbps

**250**  
MHz

Solarix – category 6 patch cables are characterised by high reliability and excellent functionality. They are equipped with molded protection, which ensures a firm connection between the RJ-45 plug and the boot, and also reduces crosstalk values between individual pairs. This protection boot has a specially thin design, which guarantees that these Solarix patch cables can be used even in devices with high port density. To manufacture the patch cables, high-quality plugs with 50 µm gold-plated contacts are used. Solarix patch cables are offered in all standard lengths (i.e., 0.5 m, 1 m, 2 m, 3 m, 5 m, 7 m, 10 m, 15 m, 20 m), in several colours (grey, blue, green, red, yellow), with several types of protection (with the so-called snag-proof or non-snag-proof boots), and with a PVC jacket. In the case of flat patch cables, their design is adapted to take up as little space as possible in a rack bundle. Solarix flat patch cables are available in UTP design only, in lengths from 0.5 m to 10 m, in grey colour, and with an LSOH jacket.

All patch cables in the Solarix – category 6 product group are thoroughly tested and easily meet the requirements of international standards ANSI/TIA 568, ISO/IEC 11801, and EN 50173 for category 6 and class E cabling.

## Technical parameters

|                         |   |
|-------------------------|---|
| Supported protocols     | <b>2.5/5GBASE-T and lower</b>   |
| Standards               | <b>ISO/IEC 11801, EN 50173-1, EN 50173-2, EN 50288-5-2/EN 50288-6-2</b>   |
| Plug Type               | <b>RJ45, 8p8c</b>   |
| Life Cycle              | <b>1000 cycles</b>  |
| Contact Material        | <b>50 µm gold</b>   |
| Conductor Size and Type | <b>Stranded copper 7x 0.196 mm ± 0.008 mm, AWG 24 (UTP)<br/>Stranded copper 7x 0.16 mm ± 0.008 mm, AWG 26 (SFTP)<br/>Stranded copper 7x 0.10 mm ± 0.005 mm, AWG 32 (flat)</b> |
| Sheath                  | <b>PVC (standard) a LSOH (flat)</b>   |
| Colour                  | <b>Grey, Green, Blue, Red, Yellow (standard), Grey (flat)</b>   |
| Storage Temperature     | <b>-40 to +70 °C</b>  |
| Operation Temperature   | <b>-10 to +60 °C</b>  |



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Flat patch cords