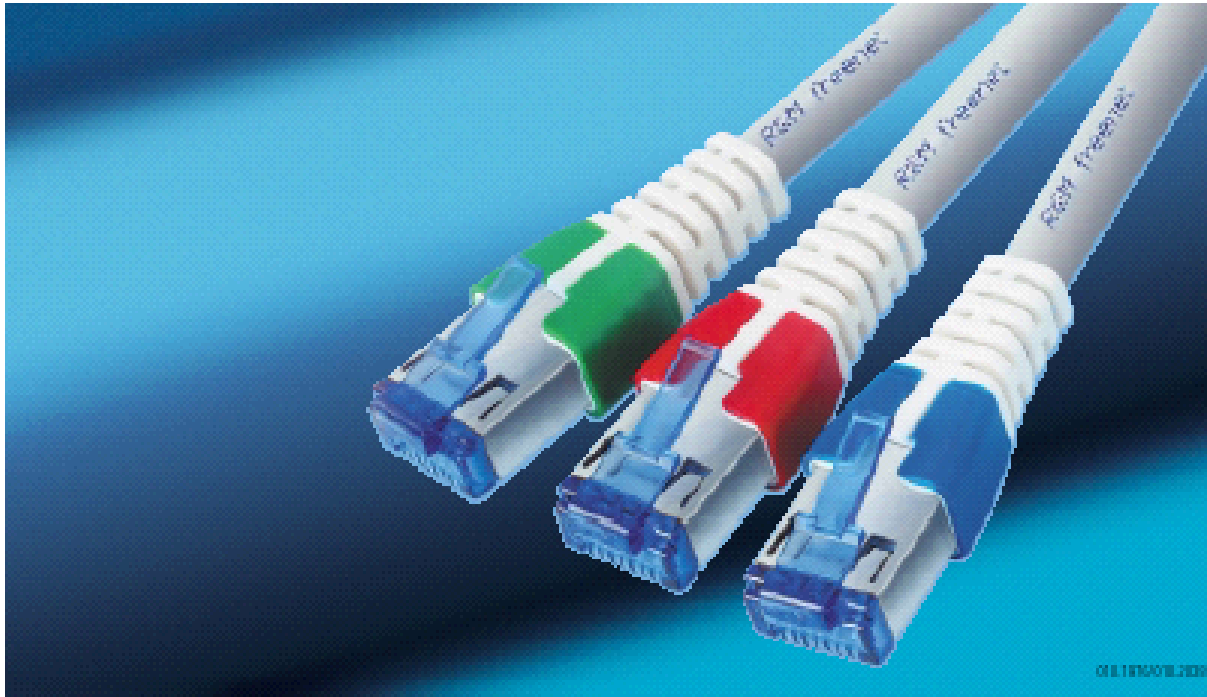


Technical Data Sheet



R&M Cat. 6 Patch Cords

Technical Data Sheet

Cat. 6 Patch cords

R&Mfreenet Cat.6 patch cords are used for connecting the network equipment to patch panels and telecommunications outlets. They are suitable for transmission frequencies of up to 250 MHz.

Features of Cat. 6

- Fulfill the requirements of Category 6, Class E(250 MHz) according to the present standard proposals of the ISO/IEC 11801 2nd Edition.
- Comply with the Category 6 specifications of the IEC 60603 –7-4.IEC 60603-7-5. components standard with the Cat.6 connection module
- Each individual patch cord is tested and marked with a quality stamp
- Can also be used as Cat.5e (backwards compatible)
- Colour coding for service identification.
- New Strain relief are provided with wide function
- Strain relief gem. TIA/EIA-568-B.1-1
- Labelling possible on the strain relief or on the color coding
- Lengths from 0.5 to 20 m available
- Impedance of 100ohm
- PVC, LSOH and LSFROH versions
- R&M Security system
- R&M environment system



Cat. 6 Patch Cords Data Sheet

Materials			
Plug Housing	Contacts	Contact Plating	Shielding
UL 94-V0 polycarbonate	Phosphor bronze	50 microinches(1.2µm) selective gold plate	Tin-plated brass

Electrical Characteristics			
Current Rating	Voltage Rating	DielectricWithstandingVoltage	Insulation Resistance
1.5 A (Maximum)@ 25°C	150 VAC (Maximum)	1000 VAC, 1 min. (60 Hz)	500 MO (minimum)

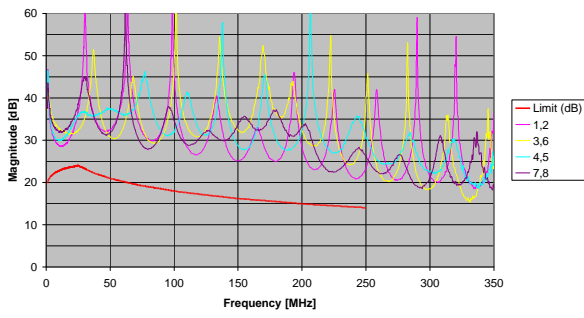
Mechanical Characteristics	Environmental Characteristics
Plug Tolerances and Dimensions	Operating Temperature
Compliant IEC 60603-7	-10°C to 60°C

Patch cord Characteristic Cat. 6

	UTP	S-STP
Inner conductor diameter	Stranded copper 0.18mm	Stranded copper 0.14 mm
Number of pairs	4	4
Screen 1 pair	Non	Non
Outer screen	Non	Cu-braid +AL/polyester foil
Jacket	PVC or LSOH	PVC or LSFROH
Temperature range	-20 °c to +60°C	-20°C to +60°C
Overall diameter	5.1mm/5.6mm	5.5mm/6mm
Bend radius	25mm	30mm

Technical Data Sheet

Return Loss C6 UTP Patchcord 3m



NEXT C6 UTP Patchcord 3m

