

Cat. 6 PVC cords

Catalogue numbers: 0 517 52/53/54/55/62/63/64/65
0 517 72/7374/75



1. USE

Cords for VDI transmission networks.
Straight RJ45 - RJ45 (cable with multicore cords).
Blue RAL 5015.



2. RANGE

Cat. Nos.	Length (m)	Type	Type of sleeve
0 517 72	1	U/UTP	PVC
0 517 73	2		
0 517 74	3		
0 517 75	5		
0 517 62	1	F/UTP	
0 517 63	2		
0 517 64	3		
0 517 65	5		
0 517 52	1	S/FTP	
0 517 53	2		
0 517 54	3		
0 517 55	5		

3. CORD MARKINGS

- LEGRAND
- Catalogue number
- Gauge
- Type
- Impedance
- Type of sleeve
- Category

4. PERFORMANCE AT 250 MHZ

Standards IEC 61935-2 - Ed. 3.0
ISO/IEC 11801

Length (m)	Minimum NEXT (dB)	Return Loss (dB)
1	39.1	14.0
2	38.7	
3	38.3	
5	38.0	

5. TECHNICAL AND MECHANICAL FEATURES

Type	U/UTP	F/UTP	S/FTP
Type of sleeve	PVC		
Number of pairs	4		
Assembly	Pairs		
Diameter over insulation (mm)	0.97	0.92	1.02
Cable diameter (mm)	6	6	5.7 ± 0.2
AWG gauge	24	26	27
Min. bending radius when laying (mm)	24	24	24
Tensile strength of the cord	≥ 50 N	≥ 50 N	≥ 50 N
Number of twists	500	500	500
Number of insertions	750	750	750

6. ELECTRICAL FEATURES AT 20°C

Loop resistance	< 2 Ω
Contact resistance	< 20 mΩ
Total resistance of the cord	< 5 Ω
Resistance per 100 m of cable with cords	< 14 Ω
DC dielectric strength	1 KV/1 min
Characteristic impedance from 1 to 250 MHz	100 Ω ± 15

7. ENVIRONMENTAL FEATURES

Storage and transport temperature: 0 to + 50°C

Usage temperature: – 20 to + 60°C

Fire resistance: IEC 60332-1, UL VW-1

8. STANDARDS AND APPROVALS

EN 50173

ISO/IEC 60603-7

ISO/IEC 11801