

Linkeo C RJ 45 Cat. 5e cords

Cat. No(s): 6 327 65/66/67/68/69 - 6 328 60/61/62/63



1. USE

Patch cords and user cords for high speed transmission networks. Straight RJ45 - RJ45. The cord is snagless : it has a strain-relief boot to protect the connector's lock from being snapped off easily.

2. RANGE

Type	Type of sleeve	Colour	RAL	Length (m)	Cat. Nos.
U/UTP	PVC	Light pink	3012	1	6 327 65
		Light pink	3012	1.5	6 327 66
		Light pink	3012	2	6 327 67
		Light pink	3012	3	6 327 68
		Light pink	3012	5	6 327 69
F/UTP	PVC	Light brown	1019	1	6 328 60
		Light brown	1019	2	6 328 61
		Light brown	1019	3	6 328 62
		Light brown	1019	5	6 328 63

3. MARKINGS

Marking on products:

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

4. PERFORMANCE AT 20°C

Maximum length of Permanent Link based on architecture

	Maximum cord length*	Maximum Permanent Link	Total Channel
2 Connector Channel	10m	89m	99m

* = sum of 2 cords

Note: calculations based on ISO/IEC 11801. Legrand products support the 100m 2-connector channel, confirmed by laboratory testing.

5. TECHNICAL AND MECHANICAL FEATURES

Type	U/UTP	F/UTP
Type of sleeve	PVC	
Number of pairs	4	
Assembly	Pairs	
Cable type	Cable with stranded wire	
Diameter over insulation (mm)	0.78±0.05	0.92±0.05
Cable diameter (mm)	4.8±0.2	6±0.2
AWG gauge	26	26
Min. bending radius when laying (mm)	24	24
Tensile strength of the cord	≥50 N	
Number of twists	500	
Number of insertions	2500	
Wiring method	T568B	

6. ELECTRICAL FEATURES AT 20°C

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

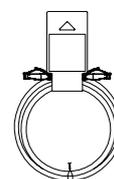
7. ENVIRONMENTAL FEATURES

Storage and transport temperature: -20 to +75°C

Usage temperature: - 20 to + 60°C

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

New packaging for LINKEO C cords : no more plastic, you no longer waste time unpacking the equipment and you reduce your on-site waste.



8. STANDARDS AND APPROVALS

Cords are compliant to the following series

ISO/IEC 11801 series : International standard for generic cabling for customer premises

ANSI/TIA 568 series : North American standard for generic cabling for customer premises

EN 50173 series : European standard for generic cabling for customer premises

Components of the cords are compliant to the following series

IEC 61156 : International standard for twisted pair cable specifications

IEC 60603-7 : International standard for connector specifications