

Cat.6 U/UTP LSZH cable for local networks

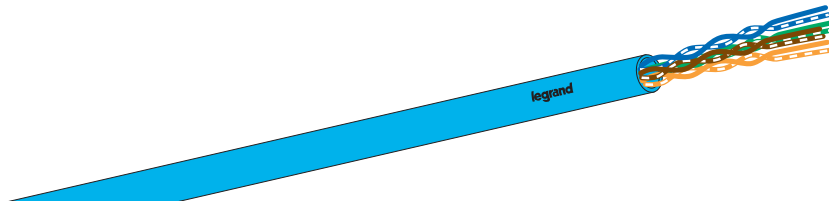
Catalogue number(s) : 032754G/I/W/B

032754G - Grey

032754I - Violet

032754W - White

032754B - Blue

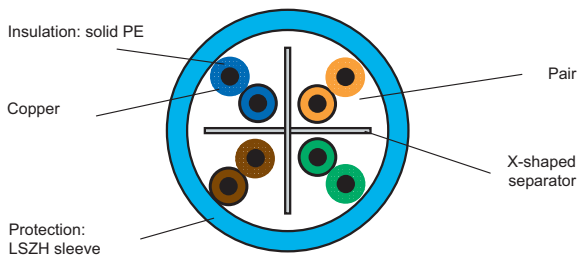


1. USE

Cable for high-speed VDI transmission networks

802.3 bt PoE++ up to type 4 applications compatible according to installation standards ISO/IEC 14763-2 : 2019 and EN 50174-2 : 2018

2. DESCRIPTION



MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- EUROCLASS
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres). Complementary marking (on label)
- Designation
- Made in India
- UL logo on box
- UL number on cable

3. PERFORMANCE AT 250 MHZ (STAND. ANSI/TIA 568.2-D)

Reference	032754G/I/W/B
Maximum attenuation (dB/100 m)	32,8
Minimum NEXT (dB)	38,3
PS NEXT (dB)	36,3
ACRF (dB / 100 m)	19,8
PS ACRF (dB / 100 m)	16,8
Return Loss (dB)	17,3

4. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	032754G/I/W/B
Type	U/UTP
Type of sleeve	LSZH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,99 ± 0,04
Average nominal diameter of the cable (mm)	5,8 ± 0,4
Weight of cable (kg/km)	37 to 43
Min. bending radius when laying (mm)	25
AWG gauge*	23

* According to UL 444 ed.3 table 4

Cat.6 U/UTP LSZH cable for local networks

5. ELECTRICAL FEATURES AT 20°C

Catalogue number	032754G/I/W/B
Type	U/UTP
Maximum linear resistance (ohm/km)	95 *
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	66 %
Characteristic impedance at 100 MHz	100 ±5Ω

* According to standard IEC 61156-5

6. ORDERING INFORMATION

Catalogue number	032754G/I/W/B
Type	U/UTP
Colour	Blue RAL 5015
Pack (m)	305
Packaging	Box

7. ENVIRONMENTAL FEATURES

Transport and storage temperature: -20 at + 60 °C
Storage temperature before installation: 10°C during 24h (if stock ≤ 5°C)
Usage temperature: - 20 to +75 °C

Fire rating:EN 50399, IEC 60332-1-2, EN 60332-1-2
Smoke density : IEC 61034-2, EN 61034-2
Toxicity of fire effluent : IEC 60754-2, EN 60754-2

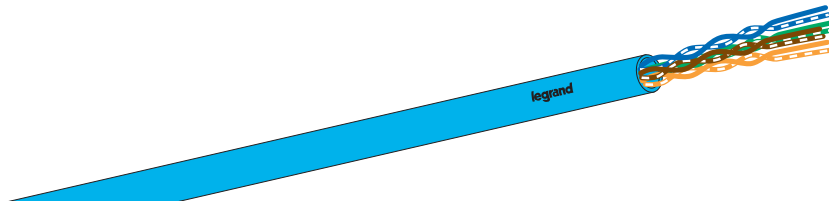
EUROCLASS EN 13501-6 = Class Dca s2d2a1
Also compliant with Eca

8. STANDARDS AND APPROVALS

Cat 6, 250 MHz
Electrical performances and characteristics :
- ANSI/TIA 568.2-D
- EN 50173-1
- EN 50288-6-1
- ISO/IEC 11801 (ed. 2.2)
- IEC 61156-5
IEEE 802.3bt : PoE++
- UL certify

Cat.6 U/UTP PVC cable for local networks

Catalogue number(s) : 0 327 55/W/O/G
032755 - Blue
032755W - White
032755O - Orange
032755G - Green

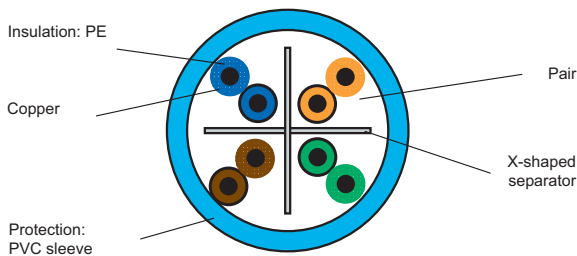


1. USE

Cable for high-speed VDI transmission networks

802.3 bt PoE++ up to type 4 applications compatible according to installation standards ISO/IEC 14763-2 : 2019 and EN 50174-2 : 2018

2. DESCRIPTION



3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- EUROCLASS
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres).

Complementary marking (on label)

- Designation
- Made in India
- UL logo on box
- UL number on cable

4. PERFORMANCE AT 250 MHZ (STAND. ANSI/TIA 568.2-D))

Reference	0 327 55/W/O/G
Maximum attenuation (dB/100 m)	32,8
Minimum NEXT (dB)	38,3
PS NEXT (dB)	36,3
ACRF (dB / 100 m)	18,8
PS ACRF (dB / 100 m)	16,8
Return Loss (dB)	17,3

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 327 55/W/O/G
Type	U/UTP
Type of sleeve	PVC
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,95± 0,05
Average nominal diameter of the cable (mm)	5,8 ± 0,3
Weight of cable (kg/km)	36
Min. bending radius when laying (mm)	25
AWG gauge*	23

* According to UL 444 ed.3 table 4

Cat.6 U/UTP PVC cable for local networks

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 327 55/W/O/G
Type	U/UTP
Maximum linear resistance (ohm/km)	95 *
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	66 %
Characteristic impedance at 100 MHz	100 ±5Ω

* According to standard IEC 61156-5

7. ORDERING INFORMATION

Catalogue number	0 327 55/W/O/G
Type	U/UTP
Colour	Blue RAL 5015
Pack (m)	305
Packaging	Box

8. ENVIRONMENTAL FEATURES

Transport and storage temperature: -20 at + 60 °C
Storage temperature before installation: 10°C during 24h (if stock ≤ 5°C)
Usage temperature: - 20 to + 75 °C

Fire rating : IEC 60332-1-2, EN 60332-1-2

EUROCLASS EN 13501-6 = Class Eca

9. STANDARDS AND APPROVALS

Cat 6, 250 MHz

Electrical performances and characteristics :

- ANSI/TIA 568.2-D
- EN 50173-1
- EN 50288-6-1
- ISO/IEC 11801 (ed. 2.2)
- IEC 61156-5

IEEE 802.3bt : PoE++

- UL certify

Cat.6A U/UTP LSZH cable for local networks

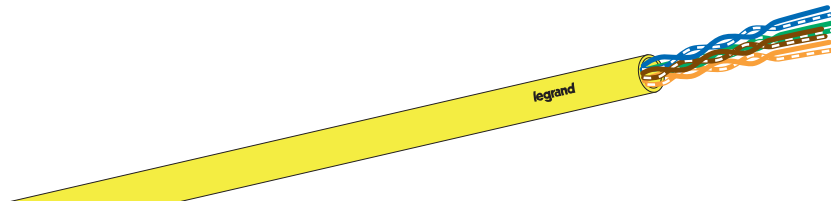
Catalogue number(s) :032787N/B/W/G

032787N - Yellow

032787B - Blue

032787W - White

032787G - Grey

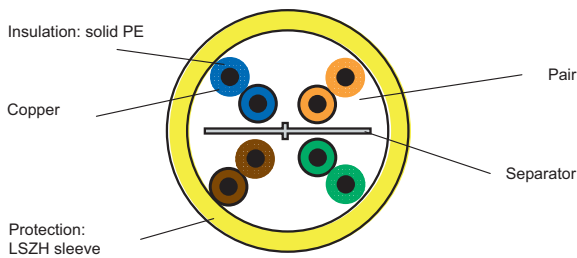


1. USE

Cable for high-speed VDI transmission networks

802.3 bt PoE++ up to type 4 applications compatible according to installation standards ISO/IEC 14763-2 : 2019 and EN 50174-2 : 2018

2. DESCRIPTION



3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- EUROCLASS
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres).

Complementary marking (on label)

- Designation
- Made in India
- UL logo on box
- UL number on cable

4. PERFORMANCE AT 500 MHZ (STAND. ANSI/TIA 568.2-D)

Reference	032787N/B/W/G
Maximum attenuation (dB/100 m)	45,3
Minimum NEXT (dB)	33,8
PS NEXT (dB)	31,8
ACRF (dB / 100 m)	13,8
PS ACRF (dB / 100 m)	24,2
Return Loss (dB)	15,2

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	032787N/B/W/G
Type	U/UTP
Type of sleeve	LSZH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	1.03±0.1
Average nominal diameter of the cable (mm)	7.6±0.3
Weight of cable (kg/km)	64
Min. bending radius when laying (mm)	70
AWG gauge*	23

* According to UL 444 ed.3 table 4

Cat.6A U/UTP LSZH cable for local networks

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	032787N/B/W/G
Type	U/UTP
Maximum linear resistance (ohm/km)	86*
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	64%
Characteristic impedance at 100 MHz	100 ±5Ω

* According to standard IEC 61156-5

7. ORDERING INFORMATION

Catalogue number	032787N/B/W/G
Type	U/UTP
Colour	Yellow RAL 1018
Pack (m)	305
Packaging	Reel

8. ENVIRONMENTAL FEATURES

Transport and storage temperature: 0 at + 50 °C
Storage temperature before use: 10°C during 24h (if stock ≤ 5°C)
Usage temperature: – 20 to +75 °C

Fire rating:EN 50399, IEC 60332-1-2, EN 60332-1-2
Smoke density : IEC 61034-2, EN 61034-2
Toxicity of fire effluent : IEC 60754-2, EN 60754-2

EUROCLASS EN 13501-6 = Class Dca s2d2a1
Also compliant with Eca

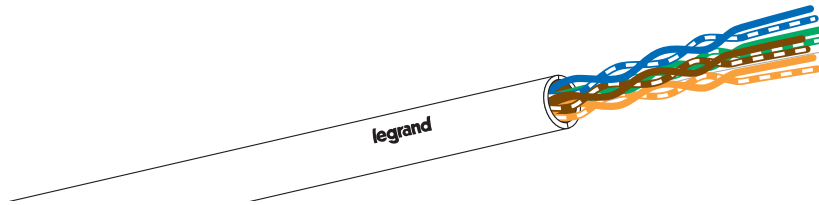
9. STANDARDS AND APPROVALS

Cat 6, 500 MHz
Electrical performances and characteristics :
- ANSI/TIA 568.2-D
- EN 50173-1
- EN 50288-10-1
- ISO/IEC 11801
- IEC 61156-5
IEEE 802.3bt : PoE++
- UL Certify

Cat.6 U/UTP PVC cable for local networks

Catalogue number(s) : 6 327 24/W/O/G/BLU

632724 - Grey
632724W - White
632724O - Orange
632724G - Green
632724Blu - Blue

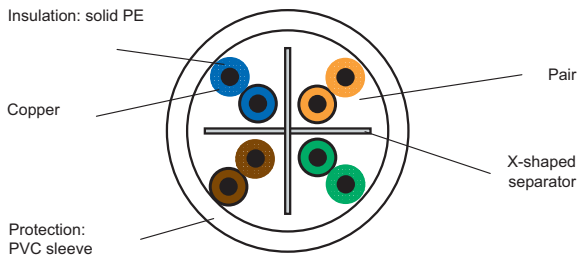


1. USE

Cable for high-speed VDI transmission networks

PoE and PoE+ applications compatible

2. DESCRIPTION



3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- Batch number
- Measurement (remaining length in metres).
- EUROCLASS Eca
- Velocity of propagation
- Made in India

4. LINK PERFORMANCE AT 250 MHZ (STAND. ANSI/TIA 568-C.2)

Reference	6 327 24/W/O/G/Blu
Maximum attenuation (dB/100 m)	31,1
Minimum NEXT (dB)	35,3
PS NEXT (dB)	32,7
ACRF (dB / 100 m)	16,2
PS ACRF (dB / 100 m)	13,2
Return Loss (dB)	10

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	6 327 24/W/O/G/Blu
Type	U/UTP
Type of sleeve	PVC
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,95 ± 0,05
Cable diameter (mm)	5,8 ± 0,3
Weight of cable (kg/km)	45
Min. bending radius when laying (mm)	24
AWG gauge*	24

* According to UL 444 ed.3 table 4

Cat.6 U/UTP PVC cable for local networks

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	6 327 24/W/O/G/Blu
Type	U/UTP
Maximum linear resistance (ohm/km)	95
DC dielectric strength	1 KV / 1 min
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	66 %
Characteristic impedance at 100 MHz	100 ± 15Ω

7. ORDERING INFORMATION

Catalogue number	6 327 24/W/O/G/Blu
Type	U/UTP
Colour	White RAL 9010
Pack (m)	305
Packaging	Box

8. ENVIRONMENTAL FEATURES

Transport temperature: 0 at + 50 °C
Storage temperature before use: 10°C during 24h (if stock ≤ 5°C)
Usage temperature: – 20 to + 60 °C

Fire rating :
IEC 60332-1-2, EN 60332-1-2

EUROCLASS EN 13501-6 = Class Eca

9. STANDARDS AND APPROVALS

Cat 6, 250 MHz
ANSI/TIA 568-C.2
EN 50173-1
EN 50288-6-1
ISO/IEC 11801 (ed. 2.2)
IEEE 802.3at : PoE+

CERTIFICATE OF COMPLIANCE

Certificate Number E510786
Report Reference E510786-20191206
Issue Date 2023-SEPTEMBER-12

Issued to: NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT LTD
61/62, 6Th Floor, Kalpataru Square Kodivita Road Off
Andheri- Kurla Road, Andheri (East), Mumbai Maharashtra
400059, IN.

This certificate confirms that representative samples of COMMUNICATIONS CABLE
CM, CMR, CMX

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 444 - Communications Cables
Additional Information: See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services
UL LLC

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Certificate of Compliance

Certificate Number:

E510786

Report Reference:

E510786-20240112

Issue Date:

2024-JANUARY-12

Issued to:

NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT LTD

61/62, 6Th Floor, Kalpataru Square Kodivita Road

Off Andheri- Kurla Road, Andheri (East) Mumbai

Maharashtra 400059 IN |

This certificate confirms that representative samples of:
Communications Cable

See addendum page for models

Has been evaluated by UL LLC in accordance with Standard(s) for
Safety:

[UL 444 - Communications Cables]

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch

UL Mark Certification Program Owner



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Certificate of Compliance

Certificate Number: E510786
Report Reference: E510786-20240112
Issue Date: 2024-JANUARY-12

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

CM, CMR



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