

UTP Cat 3 16PR LSZH



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WIRE & CABLE

UTP Cat 3 16PR LSZH(RGW-2625-4)

Product Description

Application:
Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T
IEEE 802.5 16 MB; ISDN; TPDDI; ATM

Cable Construction

1. Conductor	Bare Copper
Construction (mm)	0.44±0.01
2. Insulation	HDPE
Diameter (mm)	0.78±0.05×2C Twist
Color	See The Table 1
3. Mylar Spiral	≥115%
4. Jacket	LSZH
Diameter (mm)	8.0±0.20
Color	Black
5. Marking (ink White, one per meter)	RG Wire & Cable #6261 (UL) E478021 [week year] U-UTP Cat 3 26AWG 16 Pair LSZH UL444 [Meter Mark]
6. Label	

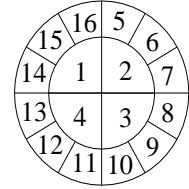
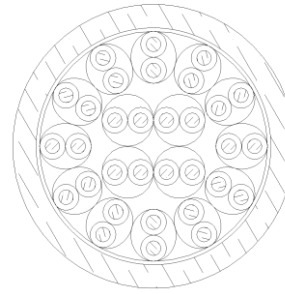
RG Wire & Cable Ltd
U/UTP Cat 3 16PR LSZH
500M
RoHS2(2011/65/EU)Compliant
6261 RG???? WW/YY

Packaging

500M/Wooden Drum

Environmental Compliance

- CE: EU Directive 2011/65/EU(RoHS2):
This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No exemptions are required for RoHS compliance on this item.
- REACH Regulation (EC 1907/2006):
This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.



Electrical Characteristics

Conductor DCR @ 20°C (68°F) (max.)	132.4
Temperature rating	60
Velocity ratio	65%
Characteristic impedance	100±15Ω

Fire Properties	IEC 60332-1
	UL 1581 CM
Acid Gas Emissions	IEC 60754-2
Smoke Emissions	IEC61034-2
UL Compliance	UL 444 Communications Cable

Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)
1.0	3.9	39.1	15.0
4.0	7.9	29.2	15.0
10.0	12.1	22.7	15.0
16.0	15.7	19.4	15.0

Table 1

Pair No	Color	
	A	B
1	White/blue strip	Blue/white strip
2	White/orange strip	Orange/white strip
3	White/green strip	Green/white strip
4	White/brown strip	Brown/white strip
5	White/Grey strip	Grey/white strip
6	Red/blue strip	Blue/red strip
7	Red/orange strip	Orange/red strip
8	Red/green strip	Green/red strip
9	Red/brown strip	Brown/red strip
10	Red/Grey strip	Grey/red strip
11	Black/blue strip	Blue/black strip
12	Black/orange strip	Orange/black strip
13	Black/green strip	Green/black strip
14	Black/brown strip	Brown/black strip
15	Black/Grey strip	Grey/black strip
16	Yellow/blue strip	Blue/yellow strip

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009

Rev	Notes	Date
A1	First release	12/2/2016
A2	Add Insulation color, Jacke color and Marking, Label	12/26/2016
A3	Marking Add UL NO	2017-01-09
A4	Rev Fire Properties	2017-01-13