

FEATURES:

comply with all category 6 requirements as per ANSI/TIA, ISO/IEC and CENELEC EN Standards:

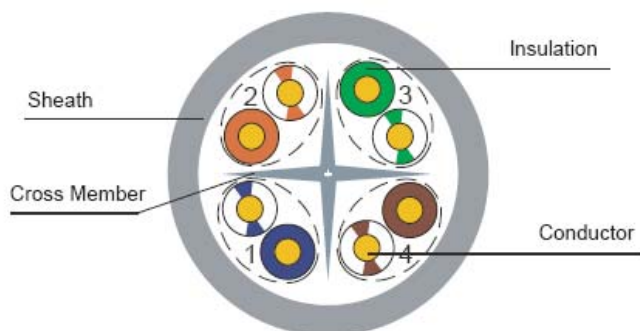
- ANSI/TIA 568-C.2
- ISO/IEC 11801 ED.2
- CENELEC EN 50173-1
- CENELEC EN 50288-6-1,
- flame retardancy is verified according to IEC 60332-1-2
- 3P certified ANSI/TIA-568-B.2-1
- ETL certified ANSI/TIA-568-B.2-1
- RoHS compliant



CONFIGURATION:

Conductor	Material	Bare Copper	
	Construction	1/0.56 ± 0.02 mm / 23 AWG	
Insulation	Material	HDPE	
	Diameter	1.00 ± 0.1 mm	
Cross Member	Material	PE	
Sheath	Material	PVC	LSOH
	Diameter	6.2 ± 0.3 mm	6.2 ± 0.3 mm

DRAWING:



2 ORANGE /WHITE	3 GREEN /WHITE
1 BLUE /WHITE	4 BROWN /WHITE

APPLICATIONS:

- 1000BASE-TX
- 1000BASE-T
- 100BASE-TX Fast Ethernet
- 10BASE-T Ethernet
- Voice

Premium Line Systems GmbH reserves the right to change specifications without prior notice.

ELECTRICAL PERFORMANCE:

Impedance	64kHz	125Ω± 20%
	1~250MHz	100Ω± 15%

TIA

Typical

Freq	IL (dB)		NEXT (dB)		PS NEXT (dB)		ACR (dB)		PSACR (dB)		ACR-F (dB)		PS ACR-F (dB)		Return Loss (dB)	
	2.1	1.8	74.3	82.3	72.3	77.3	72.2	80.5	70.2	75.5	67.8	84.8	64.8	79.8	20.0	29.0
1.0	2.1	1.8	74.3	82.3	72.3	77.3	72.2	80.5	70.2	75.5	67.8	84.8	64.8	79.8	20.0	29.0
4.0	3.8	3.5	65.3	73.3	63.3	68.3	61.4	69.8	59.4	64.8	55.8	72.8	52.8	67.8	23.0	32.0
10.0	6.0	5.6	59.3	67.3	57.3	62.3	53.3	61.7	51.3	56.7	47.8	64.8	44.8	59.8	25.0	38.0
16.0	7.6	7.1	56.2	64.2	54.2	59.2	48.6	57.1	46.6	52.1	43.7	60.7	40.7	55.7	25.0	34.0
20.0	8.5	7.9	54.8	62.8	52.8	57.8	46.2	54.9	44.2	49.9	41.8	58.8	38.8	53.8	25.0	34.0
31.25	10.8	10.0	51.9	59.9	49.9	54.9	41.1	49.9	39.1	44.9	37.9	54.9	34.9	49.9	23.6	32.0
62.5	15.5	14.4	47.4	55.4	45.4	50.4	31.9	41.0	29.9	36.0	31.9	48.9	28.9	43.9	21.5	32.0
100.0	19.9	18.6	44.3	52.3	42.3	47.3	24.4	33.7	22.4	28.7	27.8	44.8	24.8	39.8	20.1	32.0
160.0	25.9	24.1	41.2	49.2	39.2	44.2	15.5	25.1	13.5	20.1	23.7	40.7	20.0	35.7	18.7	31.0
200.0	29.0	26.8	39.8	47.8	37.8	42.8	10.8	21.0	8.6	16.0	21.8	38.8	18.8	33.8	18.0	29.0
250.0	33.0	30.5	38.3	46.3	36.3	41.3	5.3	15.8	3.3	10.8	19.8	37.0	16.8	31.8	17.3	29.0

ORDERING INFORMATION:

Part No. 20614x115
 Description Premium Line category 6 U/UTP Installation cable, grey, 305m box packing
 x: sheath 1: PVC 2: LSOH
 Packing 305m/box
 box dimension: 45*45*21cm, weight: N.W.13.5 kg G.W. 14.0 kg

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