

FEATURES:

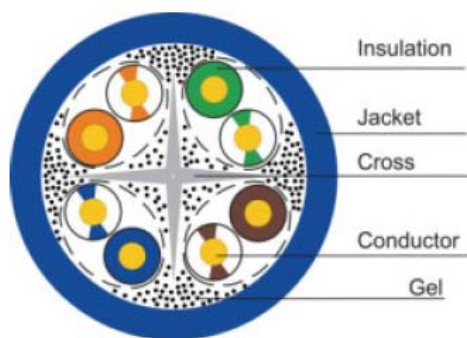
Compliant with all category 6 requirements as:

- ANSI/TIA-568.2-D:2018
- ISO/IEC 11801-1 Class E:2017
- CENELEC EN 50173-1:2018
- CENELEC EN 50288-6-1:2013
- IEC61156-5:2012(Edition 2.0)
- RoHS compliant(EU Directive 2011/65/EC)



CONFIGURATION:

Conductor	Material	Bare Copper / 23 AWG
Insulation	Material	PE
	Diameter	1.12 ± 0.05mm
" + " cross	Material	PE
Sheath	Material	LDPE / black
	Thickness	0.60 ± 0.05mm
	Diameter	7.20 ± 0.5mm
GEL		Jelly Filling Compound
Operating Temperature		-40°C to +60°C
Storage / Transport Temperature		-50°C to +70°C
Installation Temperature		-10°C to +50°C



orange	2	green	3
white/orange		white/green	
blue	1	brown	4
white/blue		white/brown	

APPLICATIONS:

- CCTV IP system video, voice transmission
- POE system
- 1000BASE-TX, 1000BASE-T, 100BASE-TX Fast Ethernet, 10BASE-T Ethernet, Voice

ELECTRICAL PERFORMANCE:

Impedance	1~250MHz	100Ω ± 15%
-----------	----------	------------



TIA Cat.6 Permanent Link 90m



Typical

Freq (MHz)	Insertion Loss (dB)		NEXT (dB)		PSNEXT (dB)		ACR-F (dB)		PSACR-F (dB)		Return Loss (dB)	
1	1.9	1.7	65.0	67.1	62.0	64.1	64.2	76.4	61.2	74.5	19.1	26.1
4	3.5	3.2	64.1	68.8	61.8	65.8	52.1	64.5	49.1	62.4	21.0	32.5
10	5.5	5.2	57.8	60.8	55.5	57.8	44.2	56.4	41.2	54.5	21.0	34.1
16	7.0	6.7	54.6	56.6	52.2	53.6	40.1	52.3	37.1	40.4	20.0	30.6
20	7.9	7.6	53.1	55.1	50.7	52.1	38.2	50.4	35.2	48.5	19.5	31.0
31.25	10.0	9.7	50.0	53.4	47.5	50.4	34.3	46.4	31.3	44.5	18.5	31.5
62.5	14.4	14.2	45.1	48.0	42.7	45.0	28.3	40.5	25.3	38.5	16.0	27.4
100	18.6	18.3	41.8	44.4	39.3	41.4	24.2	36.3	21.2	34.0	14.0	26.0
200	27.4	27.1	36.9	39.0	34.3	36.0	18.2	30.5	15.2	28.1	11.0	23.8
250	31.1	30.8	35.3	37.2	32.7	34.2	16.2	28.5	13.2	26.1	10.0	22.5

ORDERING INFORMATION:

Part. No. 726143122
Description Category 6 U/UTP Installation cable, outdoor, gel filled, PE, black
Packing 305m/reel, reel size: 35*35*29.8cm

Premium-Line Systems GmbH, Rosenheimer Str.89, D-83064 Raubling, Germany

► TEL: + 49(0)8035 9836 0 ► Fax: + 49(0)8035 9836 22

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