

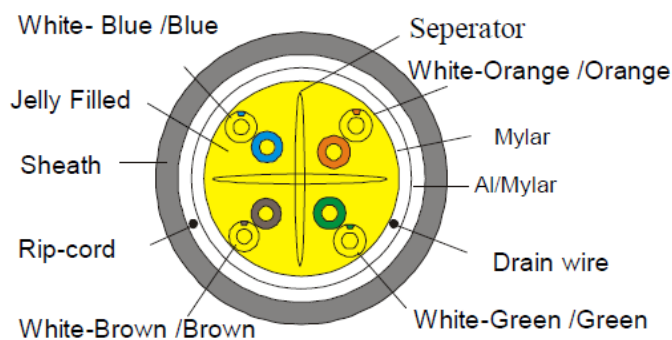
FEATURES:

Compliant with all category 6 requirements as:

- ANSI/TIA-568-C.2:2011
- ISO/IEC 11801:2011(Edition 2.2)
- CENELEC EN 50173-1:2011
- CENELEC EN 50288-5-1:2013
- IEC61156-5:2012(Edition 2.0)
- RoHS compliant(EU Directive 2011/65/EC)

CONFIGURATION:

Conductor	Material	Bare Copper / 23 AWG
Insulation	Material	HDPE
	Diameter	1.12 ± 0.05 mm
Inner-Shield	Aluminum-Mylar	Al-Mylar tape insulation on outside surface
" + " cross	Material	PE
Drain Wire	Material	Tinned Copper
Sheath	Material	LDPE / black
	Thickness	0.6 ± 0.05 mm
	Diameter	7.8 ± 0.4 mm
Gel	Jelly Filling Compound	



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%
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- 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. 726243122
 Description Premium Line Category 6 F/UTP outdoor Installation cable, 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.