

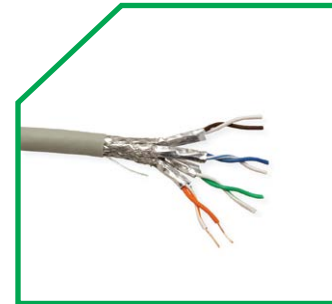
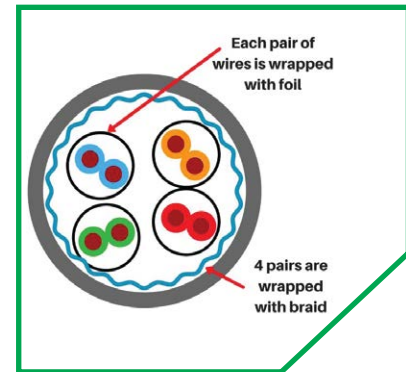
Part Number: PVC: PL-CA6ASTP / **LSZH:** PL-CA6ASTL

FEATURES:

comply with all category 6A requirements as:

- ISO/IEC 11801 ED.2.2:2011
- ANSI/TIA 568-C.2:2011
- CENELEC EN 50173-1:2011
- CENELEC EN 50288-6-1:2013
- IEC61156-5:2012(Edition 2.0)
- Characterized and tested to 350MHz

DRAWING:



APPLICATIONS:

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

CONFIGURATION:

Category	SFTP CAT6A				Before Aging Tensile Strength(Mpa)≥13.5
Test Standard	ISO/IEC 11801,TIA/EIA 568C.2				Elongation(%)≥150
Conductor	Material	Solid Bare Copper		Jacket Physical Properties	Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.57±0.003mm			After Aging Tensile Strength(MPa) ≥12.5
Insulation	Material	Skin-foam-Skin PE			Elongation(%) ≥125
	Nom.O.D.	1.42±0.05mm			Coldbend(-20±2°C*4h) No visible cracks
Shield	Al Foil+Braiding				Impedance(Ω) 100±15
Jacket	Thickness	0.65±0.05mm		Electrical Characteristics (20°C)	Delay Shew(ns/100m) ≤45
	External O.D.	7.6±0.3mm			NVP 69%
	Material	PVC or PE or LSZH			Capacitance(nf/100m) ≤5.6
	Color	According to Requires			DC Resistance(Ω/100m) ≤9.5
Rip-cord	Yes	Drain Wire	0.40TC		DC Resistance Unbalance(%) ≤2.0

Part Number: PVC: PL-CA6ASTP / LSZH: PL-CA6ASTL

Technical Performance (100M)

Frequency (MHZ)	(ohm)	RL(dB)	ATTN (dB/100m)	NEXT (dB)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	SELFEXT (dB/100m)	Transmit Speed
0.772		19.4	1.8	76	74	70	67	
1		20.0	2.0	74.3	72.3	61.8	64.8	
4		23.0	3.8	65.3	63.3	55.8	52.8	
8		24.5	5.3	60.8	58.8	49.7	46.7	
10		25.0	6	59.3	57.3	47.8	44.8	
16		25.0	7.6	56.2	54.2	43.7	40.7	
20	100±10Ω	25.0	8.5	54.8	52.8	41.8	38.8	0.65C
25		24.3	9.5	53.3	51.3	39.8	36.8	
31.25		23.6	10.7	51.9	49.9	37.9	34.9	
62.5		21.5	15.4	47.4	45.4	31.9	28.9	
100		20.1	19.8	44.3	42.3	37.8	24.8	
200		18.0	29	39.8	37.8	21.8	18.8	
250		17.3	32.8	38.3	36.3	19.8	16.8	

