



## Standard Compliances

### Cat.7

- ISO/IEC 11801 2nd edition:2002
- ISO/IEC 11801 amendment 2:2010
- IEC 61156-5:2009 (Ed.2.0)
- EN 50173:2007

### Cat.7A

- IEC 61156-5:2009 (Ed.2.0)

## Features and Benefits

- Extremely high bandwidth of 600 MHz (Cat.7), 1G MHz (Cat.7A)
- Individual and overall shielding to provide superior EMI protection
- Highest signal-to-noise ratio to reduce related downtime and network errors
- Provides positive PSACR beyond 600MHz (Cat.7), 1G MHz (Cat.7A)
- Every master reel is tested to ensure electrical performance compliance
- Print legend contains footage marking from 305M to 0M
- Unique product-specific packaging for ease of identification
- RoHS compliant
- Cat.7:EC Verified

## Applications

- 2.4/1.2 Gb/s ATM
- IEEE 802.3an: 10G BAST-T (10 Gigabit Ethernet) supporting 100 meters
- 3D imaging
- Digital Video
- Broadband and Baseband Analog Video

# Cat.7A & 7 Cable

## IEC 61156-5 ed.2.0 Category 7A horizontal cable parameters

Freq. (MHz)	Ins. Loss (dB/100m)	RL (dB)	Pair to Pair		Power Sum		Delay Skew (ns/100m)	Po. Delay (ns/100m)
			NEXT	ELFEXT	NEXT	ELFEXT		
	(dB/100m)		(dB/100m)		(dB/100m)		Max.	Max.
	Max.	Min.	Min.	Min.	Min.	Min.		
1	-	20.0	-	-	-	-	-	-
4	3.7	23.0	75.0	75.0	75.0	75.0	25	552.0
10	5.8	25.0	75.0	75.0	75.0	72.3	25	545.4
16	7.3	25.0	75.0	71.2	75.0	68.2	25	543.0
20	8.2	25.0	75.0	69.3	75.0	66.3	25	542.0
31.25	10.3	23.6	75.0	65.4	75.0	62.4	25	540.4
62.5	14.6	21.5	75.0	59.4	75.0	56.4	25	538.6
100	18.5	20.1	75.0	55.3	72.4	52.3	25	537.6
200	26.5	18.0	70.9	49.3	67.9	46.3	25	536.5
250	29.7	17.3	69.4	47.3	66.4	44.3	25	536.3
350	35.4	17.3	67.2	44.4	64.2	41.4	25	535.9
400	38.0	17.3	66.4	43.3	63.4	40.3	25	535.8
500	42.8	17.3	64.9	41.3	61.9	38.3	25	535.6
600	47.1	17.3	63.7	39.7	60.7	36.7	25	535.5
700	51.1	16.6	62.7	38.4	59.7	35.4	25	535.4
800	54.9	16.1	61.9	37.2	58.9	34.2	25	535.3
900	58.5	15.5	61.1	36.2	58.1	33.2	25	535.2
1000	61.9	15.1	60.4	35.3	57.4	32.3	25	535.1

Cat.7A&7 Cable

## Order Information

Part No.	Category	Cable Type	Conductor Size	Core Dimension(mm)	Overall Dimension(mm)
67904	Cat.7	S-FTP	23AWG	1.28	7.76
67904A	Cat.7A	S-FTP	23AWG	1.40	8.30

Jacket / PVC • LSZH (Low Smoke Zero Halogen) • Outdoor PE