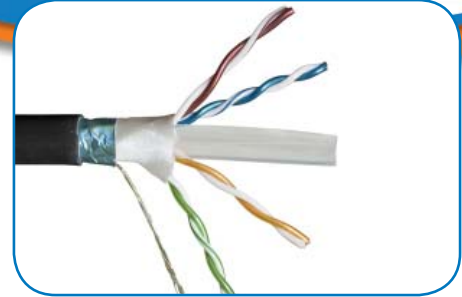


# C6AF

## Cat 6A, Shielded

### Description

Category 6A Cable - 10Gb - Shielded  
 Solid Conductors - Non-Plenum



### Construction

#### Conductor

Material: 23 AWG Bare Solid Copper

#### Insulation

Material: PE  
 Diameter: 1.0mm Nominal

#### Pairing

2 Insulated Conductors twisted together  
 with varied lay lengths.

#### Color Code

Pair#1: Blue and White/Blue  
 Pair#2: Orange and White/Orange  
 Pair#3: Green and White/Green  
 Pair#4: Brown and White/Brown

#### Shield

Foam Tape Overlap 25% Min  
 Drain: 24 AWG Tinned Stranded Copper  
 AL-Foil/Mylar, Overlap 25% Min

#### Rip Cord

Nylon

#### Jacket

Material: PVC  
 Colors: C6AF-BLK (Black, Blue & White)

#### Overall Diameter:

.287 in. +/- (.73mm)

### Electrical Characteristics

Impedance: 100±15 ohm  
 Delay Skew (ns/100m) ≤45

#### UL Listing

Type CMR as Specified in Article 800 of the  
 National Electric Code

Frequency	MHz	1	4	8	10	16	20	25	31.25	62.5	100	200	250	300	400	500
Inertion Loss	db/100m	2.2	4.1	5.7	6.4	8.1	9.1	10.2	11.4	16.3	20.8	30	33.8	37.3	43.6	49.3
NEXT	db/100m	65	63	58.2	56.6	53.2	51.6	50	48.4	43.4	39.9	34.8	33.1	31.7	28.7	26.1
PS-NEXT	db/100m	62	60.5	55.6	54	50.6	49	47.3	45.7	40.6	37.1	31.9	30.2	28.8	25.8	23.2
ACR-F	db/101m	63.3	51.2	45.2	43.3	39.2	37.2	35.3	33.4	27.3	23.3	17.2	15.3	13.7	11.2	9.3
PSACR-F	db/102m	60.3	48.2	42.2	40.3	36.2	34.2	32.3	30.4	24.3	20.3	14.2	12.3	10.7	8.2	6.3
PSANEXT	db/103m	67	67	67	67	67	67	66	65.1	62	60	55.5	54	52.8	51	49.5
RL	db/104m	19	19	19	19	18	17.5	17	16.5	14	12	9	8	7.2	6	6
PSAACRF	db/105m	67	65	58.9	57	52.9	51	49	47.1	41.1	37	31	29	27.5	25	23