

# UTP CCTV Surveillance Cables

CCTV and PTZ Applications  
Unshielded, Riser-Rated



## Composite Unshielded Multi-conductor CMR/CMG FT4 Rated

### Product Description

**Data Pair:** 24 or 23 AWG solid bare copper conductors, unshielded twisted pairs, polyolefin insulation.

**Power Conductors:** 16 AWG stranded (19x29) tinned copper conductors, unshielded, polypropylene insulation.

**Overall:** White or Black, flame-retardant PVC jacket.

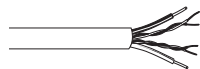
### Specifications

<b>Conductor</b>	
Data Pair	Solid Bare Copper
Power	Stranded Tinned Copper
<b>Shield</b>	Unshielded
<b>Jacket</b>	F-R PVC
<b>Approvals</b>	
NEC	CMR
CEC	CMG FT4
<b>NEC Articles</b>	800
<b>Nominal Impedance</b>	100Ω
<b>Temperature Rating</b>	75°C

### Applications:

- UTP-CCTV
- CCTV
- CCTV on UTP
- CCTV Video/Control
- Closed Circuit Television
- Pan/Tilt/Zoom (PTZ) Cameras
- Surveillance
- Video Over Twisted Pairs

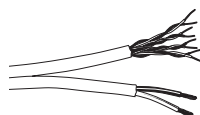
### 5284UE (Round Construction)



### 5284US (Siamese Construction)



### 5288US (Siamese Construction)



Part No.	Component Descriptions	Insulation Material	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Unshielded Composite (NEC CMR and CEC CMG FT4)

#### Category 5e

<b>5284UE</b> <small>NEW</small>	2-Pair UTP 23 AWG Solid Bare Copper Cond.	Polyolefin	.040	1.01	.233	5.92	500	152	22.5	10.2
	1000						305	44.0	20.0	
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Polypropylene	.077	1.96						
<b>5284US</b> <small>NEW</small>	2-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.035	.89	.208	5.28	500	152	25.5	11.6
	100						305	44.0	20.0	
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	PVC	.080	2.03						
<b>5288US*</b> <small>NEW</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.035	.89	.198	5.03	500	152	27.5	12.5
	1000						305	52.0	23.6	
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	PVC	.080	2.03						

UTP = Unshielded Twisted Pair • F-R = Flame-retardant

\*Special Construction available upon request.

### Color Code Chart (Data Pair)

Pair No.	Color
1	Blue & White/Blue Stripe
2	Orange & White/Orange Stripe
3	Green & White/Green Stripe
4	Brown & White/Brown Stripe

### Color Code Chart (Power)

Cond. No.	Color
1	Black
2	Red

## UTP CCTV Surveillance Cables

CCTV and PTZ Applications  
Unshielded, Plenum-Rated



### Composite Unshielded Multi-conductor CMP Rated

#### Product Description

**Data Pair:** 24 or 23 AWG solid bare copper conductors, unshielded twisted pairs, FEP insulation.

**Power Conductors:** 16 AWG stranded (19x29) tinned copper conductors, unshielded, FEP or Flammarrest® insulation.

**Overall:** White or Black, Flammarrest jacket.

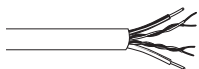
#### Specifications

<b>Conductor</b>	Data Pair	Solid Bare Copper
	Power	Stranded Tinned Copper
<b>Shield</b>		Unshielded
<b>Jacket</b>		Flammarrest
<b>Approvals</b>	NEC	CMP
	CEC	CMP
<b>NEC Articles</b>		800
<b>Nominal Impedance</b>		100Ω
<b>Temperature Rating</b>		75°C

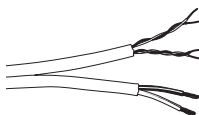
#### Applications:

- UTP-CCTV
- CCTV
- CCTV on UTP
- CCTV Video/Control
- Closed Circuit Television
- Pan/Tilt/Zoom (PTZ) Cameras
- Surveillance
- Video Over Twisted Pairs

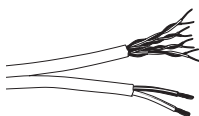
#### 6284UE (Round Construction)



#### 6284US (Siamese Construction)



#### 6288US (Siamese Construction)



Part No.	Component Descriptions	Insulation Material	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

#### Unshielded Composite (NEC CMP and CEC CMP)

Category 5e										
<b>6284UE</b> <small>NEW</small>	2-Pair UTP	FEP	.041	1.04	.220	5.59	500	152	19.5	8.8
	23 AWG Solid Bare Copper Cond.									
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	FEP	.077	1.96						
<b>6284US</b> <small>NEW</small>	2-Pair UTP	FEP	.035	.89	.173	4.39	500	152	26.0	11.8
	24 AWG Solid Bare Copper Cond.									
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Flammarrest	.077	1.96						
<b>6288US</b> <small>NEW</small>	4-Pair UTP	FEP	.042	1.07	.222	5.64	500	152	34.5	15.7
	23 AWG Solid Bare Copper Cond.									
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Flammarrest	.077	1.96						

FEP = Fluorinated Ethylene Propylene • UTP = Unshielded Twisted Pair

#### Color Code Chart (Data Pair)

Pair No.	Color
1	Blue & White/Blue Stripe
2	Orange & White/Orange Stripe
3	Green & White/Green Stripe
4	Brown & White/Brown Stripe

#### Color Code Chart (Power)

Cond. No.	Color
1	Black
2	Red

## UTP CCTV Surveillance Cables

CCTV Fixed and PTZ Applications  
Unshielded, Non-Plenum



### Unshielded Twisted Pairs

CM FT1 or CMR Rated

#### Product Description

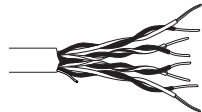
Solid bare copper conductors, unshielded twisted pairs, polyolefin insulation, PVC jacket with rip cord. Sequential footage marking every two feet.

#### Specifications

<b>Conductor</b>	Solid Bare Copper
<b>Shield</b>	Unshielded
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC	CM or CMR
CEC	CM FT1 or CMR FT4
<b>Nominal Impedance</b>	100Ω
<b>Temperature Rating</b>	80°C

#### Applications:

- 100BaseTX
- 100BaseVG ANYLAN
- 155ATM
- 622ATM
- AES/EBU
- Digital Video, RS-422
- Gigabit Ethernet
- NTSC/PAL Component or Composite Video
- Premise Horizontal Cable
- CCTV UTP
- PTZ
- Pan/Tilt/Zoom



#### Color Code Chart

Pair No.	Color Combinations
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Part No.	Component Descriptions	Insulation Material	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

#### Unshielded Twisted Pairs (NEC CM and CEC CM FT1)

##### Category 5e

<b>1583A</b> <small>NEW</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.008	0.20	.195	4.95	U-1000 1000 1640 3000	U-305 305 500 915	21.0 21.0 34.4 63.0	9.5 9.5 15.7 28.6
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<b>1500A</b> <small>NEW</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.008	0.20	.200	5.08	A-1000 1000	A-305 305	26.0 23.0	11.8 10.4
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#### Unshielded Twisted Pairs (NEC CMR and CEC CMR FT4)

##### Category 5e

<b>1583R</b> <small>NEW</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.007	0.18	.197	5.00	U-1000 1000 3000	U-305 305 915	23.0 22.0 63.0	10.4 10.0 28.6
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<b>1500R</b> <small>NEW</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.007	0.18	.194	5.00	A-1000 1000	A-305 305	27.0 24.0	12.2 10.9
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##### Category 6

<b>7881A</b> <small>NEW</small>	4-Pair UTP 23 AWG Solid Bare Copper Cond.	Polyolefin	.010	0.18	.235	5.97	A-1000 1000	A-305 305	33.0 30.0	15.0 13.6
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UTP = Unshielded Twisted Pair

Refer to [www.belden.com](http://www.belden.com) for jacket colors and put-ups.

## UTP CCTV Surveillance Cables

CCTV Fixed and PTZ Applications  
Unshielded, Plenum-Rated



### Unshielded Twisted Pairs

CMP FT6 Rated

#### Product Description

Solid bare copper conductors, unshielded twisted pairs, FEP Teflon® insulation, Flamarrest® jacket with rip cord. Sequential footage marking every two feet.

#### Specifications

<b>Conductor</b>	Solid Bare Copper
<b>Shield</b>	Unshielded
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Nominal Impedance</b>	100Ω
<b>Temperature Rating</b>	75°C

#### Applications:

- 100BaseTX
- 100BaseVG ANYLAN
- 155ATM
- 622ATM
- AES/EBU
- Digital Video, RS-422
- Gigabit Ethernet
- NTSC/PAL Component or Composite Video
- Premise Horizontal Cable
- CCTV UTP
- Pan/Tilt/Zoom (PTZ)



Part No.	Component Descriptions	Insulation Material	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

#### Unshielded Twisted Pairs (NEC CMP and CEC CMP FT6)

Category 5e										
<b>1585A</b> <small>new</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	FEP Teflon®	.007	0.18	.195	4.95	U-1000 1000 3000	U-305 305 915	23.0 24.0 69.0	10.4 10.9 31.3
<b>1501A</b> <small>new</small>	4-Pair UTP 24 AWG Solid Bare Copper Cond.	FEP Teflon	.008	0.20	.195	4.95	A-1000 1000	A-305 305	27.0 24.0	12.2 10.9
Category 6										
<b>7882A</b> <small>new</small>	4-Pair UTP 23 AWG Solid Bare Copper Cond.	FEP Teflon	.009	0.23	.224	5.69	A-1000 1000	A-305 305	34.0 31.0	15.4 14.1

UTP = Unshielded Twisted Pair

Refer to [www.belden.com](http://www.belden.com) for jacket colors and put-ups.

#### Color Code Chart

Pair No.	Color Combinations
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Teflon is a DuPont trademark.

**BELDEN**

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • [www.belden.com](http://www.belden.com)

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