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Jameco Part Number 1942104

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.

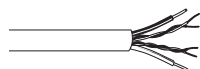
Specifications

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

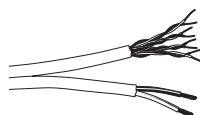
5284UE (Round Construction)



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

5284UE new	2-Pair UTP 23 AWG Solid Bare Copper Cond.	Polyolefin	.040	1.01	.233	5.92	500 1000	152 305	22.5 44.0	10.2 20.0
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Polypropylene	.077	1.96						
5284US new	2-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.035	.89	.208 x .426	5.28 x 10.82	500 100	152 305	25.5 44.0	11.6 20.0
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	PVC	.080	2.03						
5288US* new	4-Pair UTP 24 AWG Solid Bare Copper Cond.	Polyolefin	.035	.89	.198 x .424	5.03 x 10.77	500 1000	152 305	27.5 52.0	12.5 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 Flamarrest® insulation.

Overall: White or Black, Flamarrest jacket.

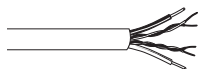
Specifications

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

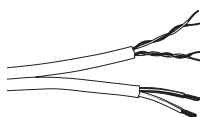
Applications:

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

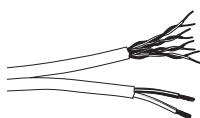
6284UE (Round Construction)



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										
6284UE new	2-Pair UTP 23 AWG Solid Bare Copper Cond.	FEP	.041	1.04	.220	5.59	500	152	19.5	8.8
							1000	305	38.0	17.2
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	FEP	.077	1.96						
6284US new	2-Pair UTP 24 AWG Solid Bare Copper Cond.	FEP	.035	.89	.173 x .358	4.39 x 9.09	500	152	26.0	11.8
							1000	305	50.0	22.7
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Flamarrest	.077	1.96						
6288US new	4-Pair UTP 23 AWG Solid Bare Copper Cond.	FEP	.042	1.07	.222 x .450	5.64 x 11.43	500	152	34.5	15.7
							1000	305	66.0	29.9
	2-Cond. 16 AWG Stranded (19x29) Tinned Copper Cond.	Flamarrest	.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

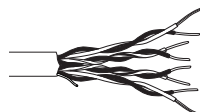
Solid bare copper conductors, unshielded twisted pairs, polyolefin insulation, PVC jacket with rip cord. Sequential footage marking every two feet.

Specifications

Conductor	Solid Bare Copper
Shield	Unshielded
Jacket	PVC
Approvals	CM or CMR
NEC	CEC
	CM FT1 or CMR FT4
Nominal Impedance	100Ω
Temperature Rating	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



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**

1583A new	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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1500A new	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**

1583R new	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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1500R new	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

7881A new	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 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

UTP CCTV Surveillance Cables

CCTV Fixed and PTZ Applications
Unshielded, Plenum-Rated



Unshielded Twisted Pairs

CMP FT6 Rated

Product Description

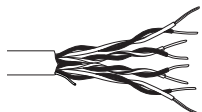
Solid bare copper conductors, unshielded twisted pairs, FEP Teflon® insulation, Flamarrest® jacket with rip cord. Sequential footage marking every two feet.

Specifications

Conductor	Solid Bare Copper
Shield	Unshielded
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Nominal Impedance	100Ω
Temperature Rating	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										
1585A new	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
1501A new	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										
7882A new	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 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.



For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com