

Security Coaxial Cable

Surveillance and CCTV Applications
Limited Combustible



Limited Combustible Coax

FHC 25/50 CMP

Product Description

Bare copper conductor, foam FEP insulation, bare copper braid shield (95% coverage). Black FEP jacket. Sequential footage marking every two feet.

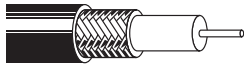
Specifications

Conductor	Bare Copper
Insulation	FFEP
Shield	Bare Copper Braid
Jacket	FEP
Approvals	CMP FHC 25/50
NEC	
NEC Articles	800
Nominal Impedance	75Ω
Temperature Rating	200°C

Applications

- CCTV
- Video Security Coax

Solid Conductor



Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

Limited Combustible Coax (CMP FHC 25/50)

RG-59/U Type											
7986LC	20	solid	95%	.135	3.43	.193	4.90	500	152	17.0	7.7
<small>NEW</small>		BC	BC					1000	305	31.0	14.1
RG-6/U Type											
7985LC	18	solid	95%	.170	4.31	.228	5.79	500	152	22.0	10.0
<small>NEW</small>		BC	BC					1000	305	44.0	20.0

BC = Bare Copper • FEP = Fluorinated Ethylene Propylene

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.

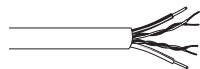
Specifications

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

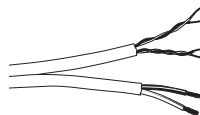
Applications:

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

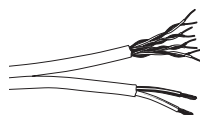
5284UE (Round Construction)



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

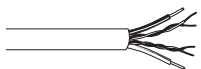
Specifications

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

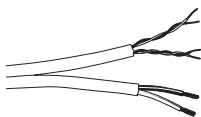
Applications:

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

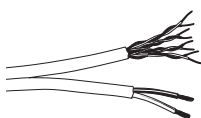
6284UE (Round Construction)



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 <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						
6284US <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.	Flamarrest	.077	1.96						
6288US <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.	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

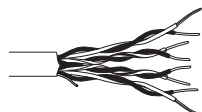
Solid bare copper conductors, unshielded twisted pairs, polyolefin insulation, PVC jacket with rip cord. Sequential footage marking every two feet.

Specifications

Conductor	Solid Bare Copper
Shield	Unshielded
Jacket	PVC
Approvals	CM or CMR
NEC	CM FT1 or CMR FT4
CEC	
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 <small>NEW</small>	4-Pair UTP	Polyolefin	.008	0.20	.195	4.95	U-1000	U-305	21.0	9.5
	24 AWG						1000	305	21.0	9.5
	Solid						1640	500	34.4	15.7
	Bare Copper Cond.						3000	915	63.0	28.6
1500A <small>NEW</small>	4-Pair UTP	Polyolefin	.008	0.20	.200	5.08	A-1000	A-305	26.0	11.8
	24 AWG						1000	305	23.0	10.4
	Solid									
	Bare Copper Cond.									

Unshielded Twisted Pairs (NEC CMR and CEC CMR FT4)

Category 5e										
1583R <small>NEW</small>	4-Pair UTP	Polyolefin	.007	0.18	.197	5.00	U-1000	U-305	23.0	10.4
	24 AWG						1000	305	22.0	10.0
	Solid						3000	915	63.0	28.6
	Bare Copper Cond.									
1500R <small>NEW</small>	4-Pair UTP	Polyolefin	.007	0.18	.194	5.00	A-1000	A-305	27.0	12.2
	24 AWG						1000	305	24.0	10.9
	Solid									
	Bare Copper Cond.									
Category 6										
7881A <small>NEW</small>	4-Pair UTP	Polyolefin	.010	0.18	.235	5.97	A-1000	A-305	33.0	15.0
	23 AWG						1000	305	30.0	13.6
	Solid									
	Bare Copper Cond.									

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 <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
1501A <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										
7882A <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 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.

