

# Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications  
Riser-Rated



## Composite Coax, Pair and Multi-Conductors

CMR/CMG FT4 Rated

### Product Description

**(1) Coax:** 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

**(1) Pair:** 23 AWG solid bare copper conductors, polyolefin insulation, Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

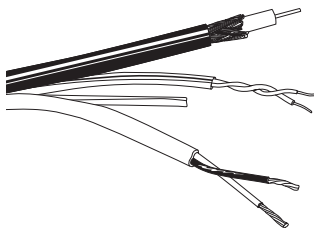
**(2) Conductors:** 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Unshielded
Power	Unshielded
<b>Component Jackets</b>	PVC
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMR
CEC	CMG FT4
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

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

RG-59/U 20 AWG Coax • Cat. 5e 23 AWG Pair • 18 AWG Cond.										
<b>500PTZ</b> <small>NEW</small>	(1) Coax:	Gas-injected	.227	5.57	.411	10.4	500	152	38.5	17.5
	RG-59/U	Foam HDPE,					1000	305	71.0	32.3
	20 AWG	Bare Copper								
	(solid)	Braid Shield								
	Bare Copper	(95% coverage)								
	Cond.									
	(1) 1-Pair	Polyolefin,	.118	3.00						
	23 AWG	Unshielded								
	(solid)									
	Bare Copper									
	Cond.									
	(1) 2-Cond.	PVC,	.171	4.34						
	18 AWG	Unshielded								
	Stranded									
	(7x26)									
	Bare Copper									
	Cond.									

HDPE = High-density Polyethylene  
U.S. Patent 7,049,523

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax, RG-59/U, 20 AWG, 95% Braid
Blue	1/P, 23 AWG, Unshielded
White	2/C, 18 AWG, Unshielded

# Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications  
Plenum-Rated



**Composite Coax,  
Pair and Multi-Conductors**  
CMP FT6 Rated

### Product Description

**(1) Coax:** 20 AWG solid bare copper conductor, Foam Perfluoroalkoxy (FPFA) insulation, bare copper braid shield (95% coverage), Black Flamarrest® jacket.

**(1) Pair:** 23 AWG solid bare copper conductors, FEP insulation, Blue Flamarrest jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

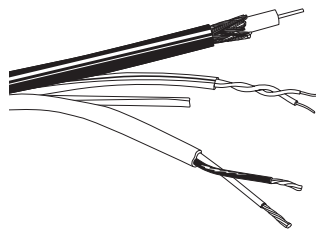
**(2) Conductors:** 18 AWG stranded (7x26) bare copper conductors, Flamarrest insulation, White Flamarrest jacket. Color code: Black & Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Unshielded
Power	Unshielded
<b>Component Jackets</b>	Flamarrest
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

**Plenum-rated Composite (NEC CMP and CEC CMP FT6)**

RG-59/U 20 AWG Coax • Cat. 5e 23 AWG Pair • 18 AWG Cond.										
<b>600PTZ</b> <small>NEW</small>	(1) Coax: RG-59/U 20 AWG (solid) Bare Copper Cond.	FPFA, Bare Copper Braid Shield (95% coverage)	.193	4.90	.351	8.9	500	152	38.5	17.5
	(1) 1-Pair 23 AWG (solid) Bare Copper Cond.	FEP, Unshielded	.116	2.95			1000	305	71.0	32.2
	(1) 2-Cond. 18 AWG Stranded (7x26) Bare Copper Cond.	Flamarrest, Unshielded	.158	4.01						

FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy  
U.S. Patent 7,049,523

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax, RG-59/U, 20 AWG, BC Braid (95%)
Blue	1/P, 23 AWG, Unshielded
White	2/C, 18 AWG, Unshielded

# Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications  
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## Composite Coax, Pair and Multi-Conductors

CMR/CMG FT4 Rated

### Product Description

**(1) Coax:** 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

**(1) Pair:** 22 AWG stranded (7x30) bare copper conductors, polyolefin insulation, Beldfoil® shield (100% coverage), Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

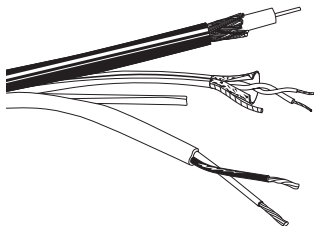
**(2) Conductors:** 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
<b>Component Jackets</b>	PVC
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMR
CEC	CMG FT4
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- CCTV plus Control and Power
- Pan, Tilt and Zoom CCTV Control



Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

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

RG-59/U 20 AWG Coax • Cat. 5e 22 AWG Pair • 18 AWG Cond.										
<b>501PTZ</b> <small>NEW</small>	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	Gas-injected Foam HDPE, BC Braid Shield (95% coverage)	.227	5.57	.419	10.6	500	152	41.0	18.6
	(1) 1-Pair 22 AWG (7x30) BC Cond.	Polyolefin, Beldfoil Shield (100% coverage)	.177	4.50			1000	305	76.0	34.5
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	PVC, Unshielded	.171	4.34						

BC = Bare Copper • HDPE = High-density Polyethylene  
U.S. Patent 7,049,523

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
Black	Coax: RG-59/U, 20 AWG, BC Braid Shield
Blue	1/P, 22 AWG, Beldfoil Shield
White	2/C, 18 AWG, Unshielded

# Pan/Tilt/Zoom Banana Peel® Composite

CCTV plus Audio or Power or Pan and Tilt CCTV Control Applications  
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**Composite Coax,  
Pair and Multi-Conductors**  
CMP FT6 Rated

### Product Description

(1) **Coax:** 20 AWG solid bare copper conductor, Foam Perfluoroalkoxy (FPFA) insulation, bare copper braid shield (95% coverage), Black Flammarrest® jacket.

(1) **Pair:** 22 AWG stranded (7x30) bare copper conductors, FEP insulation, Beldfoil® shield (100% coverage), Blue Flammarrest jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

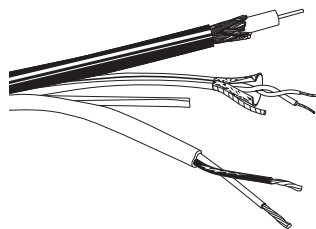
(2) **Conductors:** 18 AWG stranded (7x26) bare copper conductors, Flammarrest insulation, White Flammarrest jacket. Color code: Black & Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
<b>Component Jackets</b>	Flammarrest
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

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Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

**Plenum-rated Composite (NEC CMP and CEC CMP FT6)**

RG-59/U 20 AWG Coax • Cat. 5e 22 AWG Pair • 18 AWG Cond.										
<b>601PTZ</b> <small>NEW</small>	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	FPFA, BC Braid Shield (95% coverage)	.193	4.90	.351	8.9	500	152	40.0	18.2
	(1) 1-Pair 22 AWG (7x30) BC Cond.	FEP, Beldfoil Shield (100% coverage)	.116	2.95			1000	305	73.0	33.2
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	Flammarrest, Unshielded	.158	4.01						

BC = Bare Copper • FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy  
U.S. Patent 7,049,523

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
<b>Black</b>	Coax: RG-59/U, 20 AWG, BC Braid Shield
<b>Blue</b>	1/P, 22 AWG, Beldfoil Shield
<b>White</b>	2/C, 18 AWG, Unshielded

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**(1) Coax:** 20 AWG solid bare copper conductor, gas-injected foam high-density polyethylene insulation, bare copper braid shield (95% coverage), Black PVC jacket.

**(1) Pair:** 18 AWG stranded (19x30) bare copper conductors, polyolefin insulation, Beldfoil® shield (100% coverage), Blue PVC jacket. Color code: White/Blue Stripe & Blue. Category 5e tested.

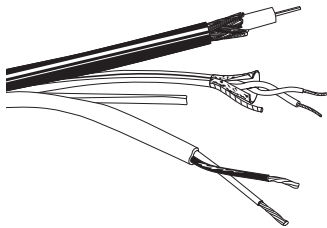
**(2) Conductors:** 18 AWG stranded (7x26) bare copper conductors, PVC insulation, White flame-retardant PVC jacket. Color code: Black & Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
<b>Component Jackets</b>	PVC
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMR
CEC	CMG FT4
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
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Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
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**Composite** (NEC CMR and CEC CMG FT4)

RG-59/U 20 AWG Coax • Cat. 5e 18 AWG Pair • 18 AWG Cond.										
<b>502PTZ</b> <small>NEW</small>	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	Gas-injected Foam HDPE, BC Braid Shield (95% coverage)	.227	5.57	.451	11.5	500	152	50.0	22.7
	(1) 1-Pair 18 AWG (19x30) BC Cond.	Polyolefin, Beldfoil Shield (100% coverage)	.219	5.56			1000	305	94.0	42.6
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	PVC, Unshielded	.171	4.34						

BC = Bare Copper • HDPE = High-density Polyethylene  
U.S. Patent 7,049,523

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
<b>Black</b>	Coax: RG-59/U, 20 AWG, BC Braid Shield
<b>Blue</b>	1/P, 18 AWG, Beldfoil Shield
<b>White</b>	2/C, 18 AWG, Unshielded

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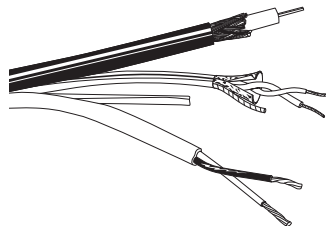
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### Specifications

<b>Conductor</b>	Bare Copper
<b>Application Shielding</b>	
Video	Bare Copper Braid
Control	Aluminum/Polyester
Power	Unshielded
<b>Component Jackets</b>	Flamarrest
<b>Overall Jacket</b>	None
<b>Approvals</b>	
NEC	CMP
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<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
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### Applications

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Part No.	Component Descriptions	Insulation Material & Shielding	Component Nom. OD		Overall Nom. OD		Standard Lengths		Standard Unit Weight	
			Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

**Plenum-rated Composite (NEC CMP and CEC CMP FT6)**

RG-59/U 20 AWG Coax • Cat. 5e 18 AWG Pair • 18 AWG Cond.										
<b>602PTZ</b> <small>NEW</small>	(1) Coax: RG-59/U 20 AWG (solid) BC Cond.	FPFA, BC Braid Shield (95% coverage)	.193	4.90	.363	9.2	500	152	42.5	19.3
	(1) 1-Pair 18 AWG (19x30) BC Cond.	FEP, Beldfoil Shield (100% coverage)	.150	3.81			1000	305	79.0	35.8
	(1) 2-Cond. 18 AWG Stranded (7x26) BC Cond.	Flamarrest, Unshielded	.158	4.01						

BC = Bare Copper • FEP = Fluorinated Ethylene Propylene • FPFA = Foam Perfluoroalkoxy

### Individual Cable Jacket Color Coding System

Jacket Color	Cable Type
<b>Black</b>	Coax: RG-59/U, 20 AWG, BC Braid Shield
<b>Blue</b>	1/P, 18 AWG, Beldfoil Shield
<b>White</b>	2/C, 18 AWG, Unshielded

US Patent 7,049,523



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