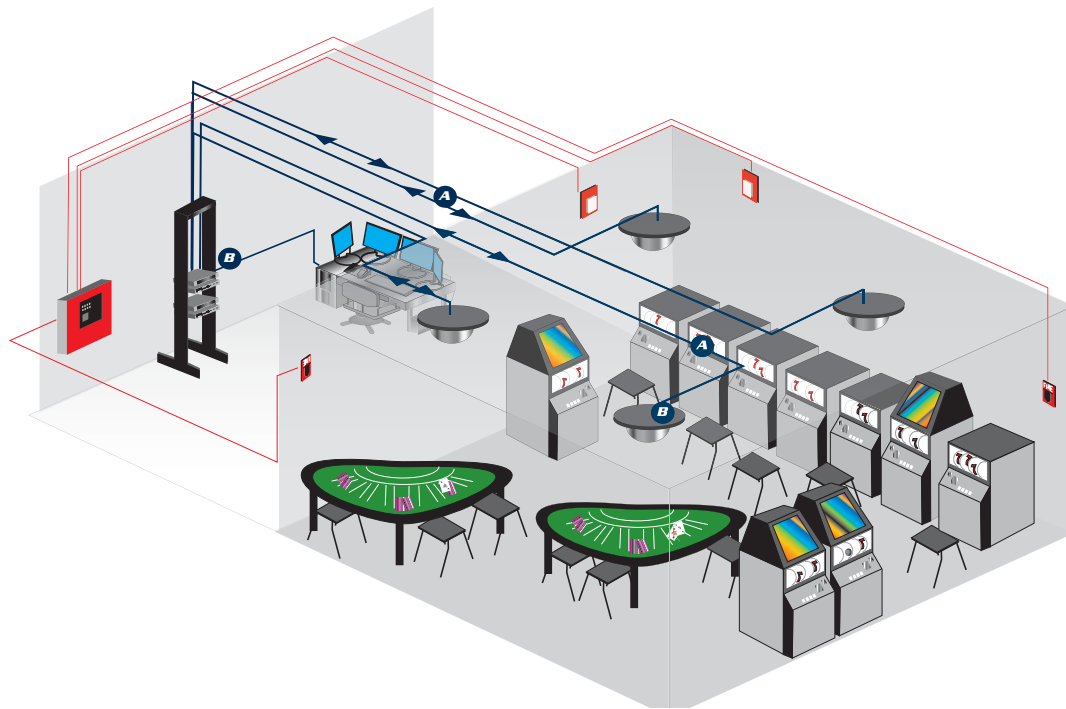


CCTV Coaxial Cables

Combined with Accessories

Identifiable. Reliable. Surveillance is a primary function in safety and security for many environments such as schools, casinos, prisons and businesses. The selection of cameras and other electronic equipment is a primary concern, but the link between the electronics should be taken with extreme caution. West Penn Wire provides CCTV coaxial cables from short run applications to the most critical long distance applications.



FEATURES

- MiniMax 25AWG- Ideal for runs up to 500ft.
 - Copper tape barrier for improved shield effectiveness
 - Plenum design
 - Non-Plenum design
 - Indoor/Outdoor design
 - Outdoor design
 - Video over UTP design- V/CAT
 - CCTV Accessories
 - Cable Assemblies
 - BNC Connectors
 - Installation Tools
 - Baluns
 - Wall mount enclosures
 - Racks/Cabinets
- New:** 825182
2815E
25815E
252815E

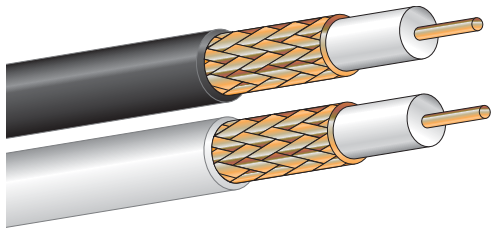
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CCTV Coaxial Cables

CCTV/ Security Video Minimax Miniature

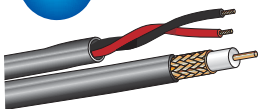


Applications:

- CCTV - Up to 500ft.
- Security Baseband Video

Standard pool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Colors
825	CM	25 AWG (Solid) BC 30Ω/M'	Gas Injected PE† .085	Bare Copper Braid 95%	PVC	.146	16.2 pf/ft	82%	75Ω	Colors See Below
25825	CMP	25 AWG (Solid) BC 30Ω/M'	Foam FEP .078	Bare Copper Braid 95%	Flex Plenum	.146	16.2 pf/ft	82%	75Ω	Colors See Below
45825	CM	25 AWG (Solid) BC 30Ω/M'	Gas Injected PE† .085	Bare Copper Braid 95%	PVC	.146 x .302	16.2 pf/ft	82%	75Ω	Black
						Connector Type 75Ω 3 Pc. Crimp BNC 75Ω Compression BNC				
825182	CM	25 AWG (Solid) BC 30Ω/M'	Gas Injected PE† .085	Bare Copper Braid 95%	PVC		16.2 pf/ft	82%	75Ω	Black, White



Note:
This cable contains 1 coax unit plus 1 pair 18 Awg. Unshielded

Jacket Colors for 825 and 25825
• Black • Red • Green • Blue • White • Yellow

825 Series- Installer's Choice

CCTV Accessories

See pages 85-90

Electrical Specifications

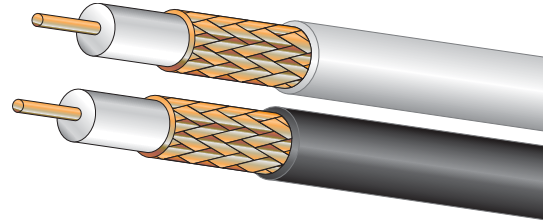
Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
Non-Plenum	>23dB	.5	1.8	3.12	4.19	5.79	8.59	11.14	13.22	14.41
Plenum	>23dB	.5	1.8	3.12	4.40	6.41	9.66	12.61	14.95	16.18

CCTV Coaxial Cables

CCTV/ Security Video RG59/U Type

Applications:

- CCTV- Up to 1200ft.
- Security Baseband Video



Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
815	CMR	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142 + Tape Barrier	Bare Copper Braid 95%	PVC	.232	16.2 pf/ft	82%	75Ω	Black, White
815E	CM	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142	Copper Alloy 95%	PVC	.232	16.2 pf/ft	82%	75Ω	Black
AQC815 Aquaseal® Indoor/ Outdoor	CM	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142 + Tape Barrier	Bare Copper Braid 95% + Aquaseal Tape	Sunlight Resistant PVC	.242	16.2 pf/ft	82%	75Ω	Black
4815 Direct Burial	--	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142 + Tape Barrier	Bare Copper Braid 95%	Inner Jkt. PVC	.242	16.2 pf/ft	82%	75Ω	Black
					Outer Jkt. PE					

CCTV Accessories

See pages 85-90

Notes:
Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%
†- Gas Injected Polyethylene
100% Sweep Tested

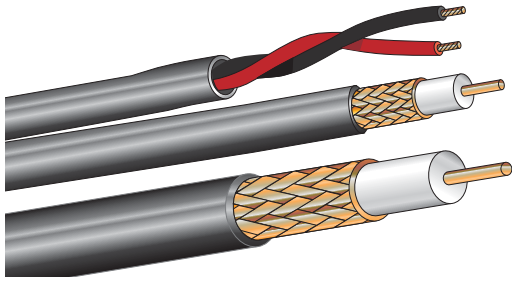
Electrical Specifications

Catalog No.	Return Loss 100kHz- 1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
RG59/U	>23dB	.29	.68	1.8	3.0	3.54	4.71	6.40	7.33	7.80
815E	>23dB	.45	.9	1.9	3.2	4.0	4.9	8.6	9.8	10.70

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CCTV Coaxial Cables

CCTV/ Security Video RG59/U Type



Applications:

- CCTV
- Security Baseband Video
- Economy CCTV - Up to 750ft.

Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
2815B	CM	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142 + Tape Barrier	Bare Copper Braid 95%	PVC	.232 x .465	16.2 pf/ft	82%	75Ω	Black, White
<p style="text-align: center;">Siamese Construction This cable contains 1 coax unit plus 1 pair 18 Awg.(7x26) Unshielded</p>										
2815E	CM	20 AWG (Solid) BC 10.1 Ω/M'	Gas Injected PE† .142	Copper Alloy 95%	PVC	.232 x .465	16.2 pf/ft	82%	75Ω	Black
<p style="text-align: center;">NEW Siamese Construction This cable contains 1 coax unit plus 1 pair 18 Awg.(7x26) Unshielded</p>										

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM74-32	TL-7503	TL-104
75Ω Compression BNC	CN-CSBNC-59	TL-CSST	TL-SNSA

CCTV Accessories

See pages 85-90

Electrical Specifications

Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
RG59/U	>23dB	.29	.68	1.8	3.0	3.54	4.71	6.40	7.33	7.80
Economy RG59/U	>23dB	.45	.9	1.9	3.2	4.0	4.9	8.6	9.8	10.70

Notes:

Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%
†- Gas Injected Polyethylene
100% Sweep Tested

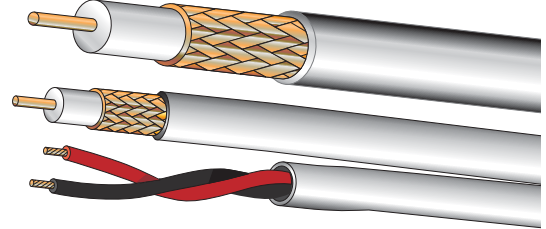
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CCTV Coaxial Cables

CCTV/ Security Video RG59/U Type Plenecon® PLENUM Cables

Applications:

- CCTV
- Security Baseband Video



Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
25815	CMP	20 AWG (Solid) BC 10.1 Ω/M'	Foam FEP .138 + Tape Barrier	Bare Copper Braid 95%	Flex. Plenum	.198	16.2 pf/ft	82%	75Ω	Ivory
252815	CMP	20 AWG (Solid) BC 10.1 Ω/M'	Foam FEP .138 + Tape Barrier	Bare Copper Braid 95%	Flex. Plenum	.198 x .465	16.2 pf/ft	82%	75Ω	Ivory Black
		Siamese Construction This cable contains 1 coax unit plus 1 pair 18 Awg.(7x26) Unshielded Fluoropolymer								
NEW 25815E	CMP	20 AWG (Solid) BC 10.1 Ω/M'	Foam FEP .138 + Tape Barrier	Copper Alloy 95%	Flex. Plenum	.198	16.2 pf/ft	82%	75Ω	Ivory
NEW 252815E	CMP	20 AWG (Solid) BC 10.1 Ω/M'	Foam FEP .138 + Tape Barrier	Copper Alloy 95%	Flex. Plenum	.198 x .465	16.2 pf/ft	82%	75Ω	Ivory
		Siamese Construction This cable contains 1 coax unit plus 1 pair 18 Awg.(7x26) Unshielded Fluoropolymer								

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM74-32	TL-7503	TL-104
75Ω Compression BNC	CN-F559BNCPL4	TL-CSST	TL-SNSA

Electrical Specifications

CCTV Accessories

See pages 85-90

Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
Plenum RG59/U	>23dB	.30	.68	1.80	3.00	3.91	5.30	7.24	8.29	8.76
Economy Plenum RG59/U	>23dB	.45	.9	1.9	3.2	4.0	4.9	8.6	9.8	10.70

Notes:

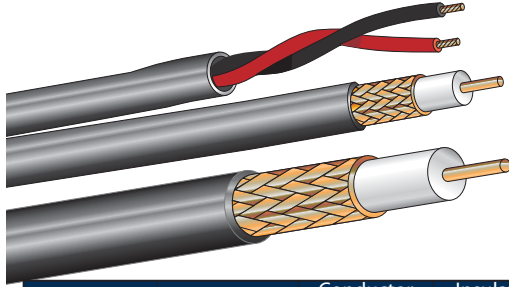
Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%

† Gas Injected Polyethylene

100% Sweep Tested

CCTV Coaxial Cables

CCTV/ Security Video RG6/U Type



Applications:

- CCTV- Up to 1600ft.
- Security Baseband Video

Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
806	CMR	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE† .180 + Tape Barrier	Bare Copper Braid 95%	PVC	.270	16.2 pf/ft	82%	75Ω	Black
2806B	CM	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE† .180 + Tape Barrier	Bare Copper Braid 95%	PVC	.280 x .580	16.2 pf/ft	82%	75Ω	Black
		Siamese Construction This cable contains 1 coax unit plus 1 pair 16 Awg. Stranded Unshielded								
AQC806 Aquaseal Indoor/ Outdoor	CM	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE† .180 + Tape Barrier	Bare Copper Braid 95% Aquaseal Tape	Sunlight Resistant PVC	.280	16.2 pf/ft	82%	75Ω	Black
AQC2806 Aquaseal	CM	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE† .180 + Tape Barrier	B.C Braid 95% Aquaseal Tape	Sunlight Resistant PVC	.280 x .580	16.2 pf/ft	82%	75Ω	Black
		Siamese Construction This cable contains 1 coax unit plus 1 pair 16 Awg. Stranded Unshielded Aquaseal Tape								

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM73-5	TL-7503	TL-107
75Ω Compression BNC	CN-CSBNC-6	TL-CSST	TL-SNSA

CCTV Accessories

See pages 85-90

Electrical Specifications

Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
RG6/U Non-Plenum	>23dB	.24	.52	1.18	1.83	2.73	3.95	5.38	6.13	6.45

Notes:

Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%

†- Gas Injected Polyethylene

100% Sweep Tested

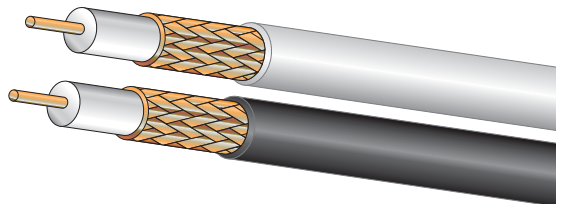
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CCTV Coaxial Cables

CCTV/ Security Video RG6/U Type Plenecon® PLENUM Cables

Applications:

- CCTV
- Security Baseband Video



Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
25806	CMP	18 AWG (Solid) BC 6.5 Ω/M'	Foam FEP .170" + Tape Barrier	Bare Copper Braid 95%	Flex. Plenum	.230"	16.2 pf/ft	82%	75Ω	Ivory
				Connector Type		Connectors		Strip Tool		Crimp/Comp Tool
				75Ω 3 Pc. Crimp BNC		CN-BM73-4		TL-7503		TL-107
				75Ω Compression BNC		CN-FS6BNCPL2		TL-CSST		TL-SNSA

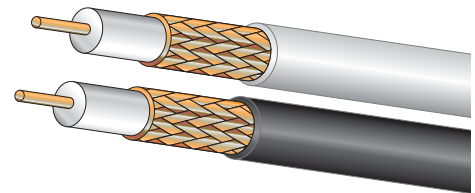
Electrical Specifications

Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
Plenum RG6/U	>23dB	.24	.52	1.18	1.93	3.02	4.45	6.09	6.93	7.24

CCTV/ Security Video RG6/U Type Outdoor- Burial

Applications:

- CCTV
- Security Baseband Video



Direct Burial RG6/U Cables

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
4806 Direct Burial	--	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE+ .180 + Tape Barrier	Bare Copper Braid 95%	Inner Jkt. PVC Outer Jkt. PE	.280 .330	16.2 pf/ft	82%	75Ω	Black
6325 Flooded Burial	--	18 AWG (Solid) BC 6.5 Ω/M'	Gas Injected PE+ .180 + Tape Barrier	Bare Copper Braid 95%	Sunlight Resistant PE	.270	16.2 pf/ft	82%	75Ω	Black

Electrical Specifications- See Page 78

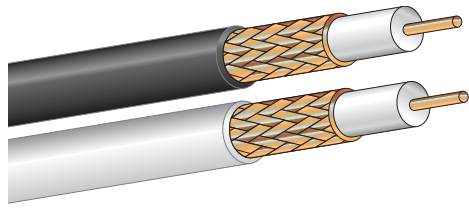
Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM73-5	TL-7503	TL-107
75Ω Compression BNC	CN-CSBNC-6	TL-CSST	TL-SNSA

CCTV Accessories

See pages 85-90

CCTV Coaxial Cables



CCTV/ Security Video RG11/U Type Non-Plenum & Plenum

Applications:

- CCTV - Up to 2000ft.
- Security Baseband Video

Non-Plenum

Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
			Inches							
811	CM	14 AWG (Solid) BC 2.6 Ω/M'	Gas Injected PE+ .280	Bare Copper Braid 95%	PVC	.405	16.2 pf/ft	82%	75Ω	Black
4811 Direct Burial	--	14 AWG (Solid) BC 2.6 Ω/M'	Gas Injected PE+ .280	Bare Copper Braid 95%	Inner Jkt. PVC Outer Jkt. PE	.405 .455	16.2 pf/ft	82%	75Ω	Black

Connectors and Tools

	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM53-26	TL-124	TL-113
75Ω Compression BNC	CN-CSBNC-11	TL-PS11	TL-CSBNC11

Plenum

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
			Inches							
25811 Plenum	CL2P CMP	14 AWG (Solid) BC 2.6 Ω/M'	Foam FEP .280	Bare Copper Braid 95%	Copolymer	.352	16 pf/ft	82%	75Ω	Natural

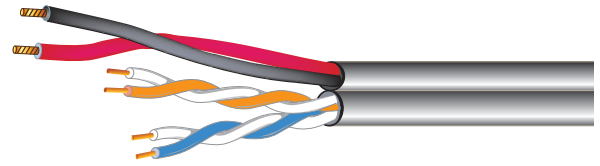
Electrical Specifications

Catalog No.	Return Loss 100kHz-1GHz	Attenuation (db/100ft)								
		1 Mhz	10 Mhz	50 Mhz	100 Mhz	200 Mhz	400 Mhz	700 Mhz	900 Mhz	1 Ghz
RG11/U Non-Plenum	>23dB	.16	.35	.87	1.38	1.98	2.95	4.00	4.54	4.77
RG11/U Plenum	>23dB	.16	.35	.87	1.44	2.19	3.32	4.53	5.14	5.35

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CCTV Coaxial Cables

V-Cat- Video Over UTP Cables 2 Pair + 2 Conductors - Siamese Construction Non-Plenum and Plenum



Applications:

- Video Over UTP

Standard pool size 1000ft.

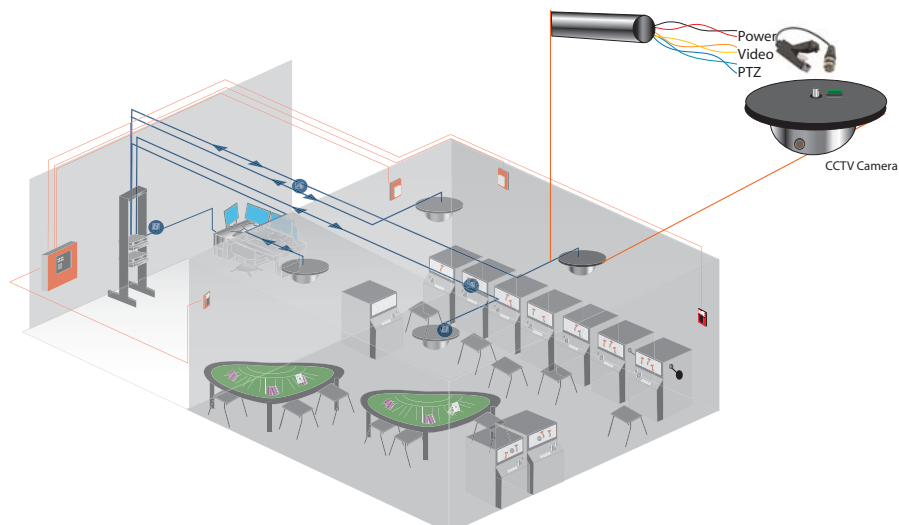
Catalog No.	NEC Type	Cable Type & Description	Dielectric Type	Jacket Type	Nom. O.D.	Nom. Capacitance 2 Pair	Nom. VP 2 Pr.	Nom. Imp.Ω 2 Pair	Jacket Color
					Inches				
CC2418	CM	2 Pair 24 Awg Solid Cat 5E Type UTP + 2 Cond. 18 Awg unshielded	Thermo-Plastic	PVC	.180 x .340	14 pf/ft	66%	100Ω	Gray
CC252418 Plenum	CMP	2 Pair 24 Awg Solid Cat 5E Type UTP + 2 Cond. 18 Awg Unshielded	Plenum Thermo-Plastic	Plenum PVC	.185 x .345	14 pf/ft	72%	100Ω	Gray
CC2416	CM	2 Pair 24 Awg Solid Cat 5E Type UTP + 2 Cond. 16 Awg Unshielded	Thermo-Plastic	PVC	.192 x .355	14 pf/ft	66%	100Ω	Gray
CC252416 Plenum	CMP	2 Pair 24 Awg Solid Cat 5E Type UTP + 2 Cond. 16 Awg Unshielded	Plenum Thermo-Plastic	Plenum PVC	.190 x .350	14 pf/ft	72%	100Ω	Gray

Applications:

- Pair 1 - Category 5E type 100Ω - Used for Video Transmission
- Pair 2 - Category 5E type 100Ω - Used for Video Transmission or Data Transmission, such as RS-422 or RS-485 or PTZ (Pan, Tilt, Zoom Controls)
- Two Conductors- 18 or 16 Awg. Solid bare copper conductors- Used for Power to the camera

Note:

A complete product offering of Baluns are available from West Penn Wire- Pages 156-158

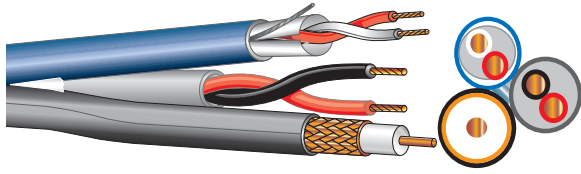


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PTZ Coaxial Cables

PTZ Security Video

Minimax & RG59/U Type Composite PTZ (Pan Tilt Zoom)



Applications:

- CCTV/ Data/ Power
- Security Baseband Video

Standard pool size 1000ft.

Catalog No.	Cable Types	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
PTZ825	CCTV Coaxial Minimax	25 AWG (Solid) BC 30 Ω/M'	Gas Inj. PE† .085	Bare Copper Braid 95%	PVC	.146	16.2 pf/ft	82%	75Ω	Black
	Data Control Cable	1 Pair 22 AWG (7x30) TC	PP† Insulation .008	Al. Foil 100% with drain wire	PVC	.135	34 pf/ft* 67 pf/ft**	67%	55Ω	Blue
	Power Control Cable	1 Pair 18 AWG (7x26) BC	PVC .008	None	PVC	.155	--	--	--	Gray

PTZ825 - Nom. O.D. .375"

Catalog No.	Cable Types	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
PTZ815	CCTV Coaxial RG59/U	20 AWG (Solid) BC 10.1 Ω/M'	Gas Inj. PE† .142 +Tape Barrier	Bare Copper Braid 95%	PVC	.232	16.2 pf/ft	82%	75Ω	Black
	Data Control Cable	1 Pair 18 AWG (7x26) TC	PE† Insulation .018	Al. Foil 100% with drain wire	PVC	.222	24 pf/ft* 44 pf/ft**	66%	50Ω	Blue
	Power Control Cable	1 Pair 18 AWG (7x26) BC	PVC .008	None	PVC	.155	--	--	--	Gray

PTZ815 - Nom. O.D. .451"

Cable Types	Conductor Colors	Jacket Colors
CCTV Coaxial	--	Black
PTZ825 Data Control Cable	1.Black, 2. Red	Blue
PTZ815 Data Control Cable	1.Black, 2. Clear	Blue
Power Control Cable	1.Black, 2. Red	Gray

Notes:

Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%

†- Gas Injected Polyethylene

100% Sweep Tested

PE- Polyethylene

PP- Polypropylene



PTZ Coaxial Cables

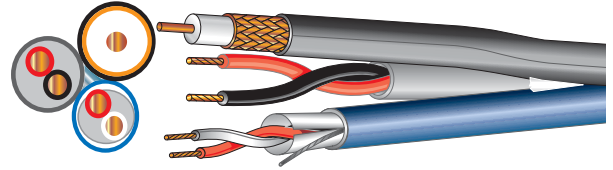
PTZ Security Video

Minimax & RG59/U Type Composite PTZ (Pan Tilt Zoom)

Plenum

Applications:

- CCTV/ Data/ Power
- Security Baseband Video



Standard spool size 1000ft.

Catalog No.	Cable Types	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
PTZ25825	CCTV Coaxial Minimax	25 AWG (Solid) BC 30 Ω/M	Foam FEP .078	Bare Copper Braid 95%	Plenum PVC	.146	16.2 pf/ft	82%	75Ω	Black
	Data Control Cable	1 Pair 22 AWG (7x30) TC	FEP .010	Al. Foil 100% with drain wire	Plenum PVC	.120	25 pf/ft* 45 pf/ft**	69%	55Ω	Blue
CMP	Power Control Cable	1 Pair 18 AWG (7x26) BC	Plenum PVC .008	None	Plenum PVC	.154	--	--	--	Gray

PTZ25825 - Nom. O.D. .342"

Catalog No.	Cable Types	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
PTZ25815	CCTV Coaxial RG59/U	20 AWG (Solid) BC 10.1 Ω/M'	Foam FEP .138 +Tape Barrier	Bare Copper Braid 95%	Plenum PVC	.207	16.2 pf/ft	82%	75Ω	Black
	Data Control Cable	1 Pair 18 AWG (7x26) TC	FEP .010	100% Al. Foil with drain wire	Plenum PVC	.148	30 pf/ft* 54 pf/ft**	69%	45Ω	Blue
CMP	Power Control Cable	1 Pair 18 AWG (7x26) BC	Plenum PVC .008	None	Plenum PVC	.154	--	--	--	Gray

PTZ25815 - Nom. O.D. .362"

Cable Types	Conductor Colors	Jacket Colors
CCTV Coaxial	--	Black
Data Control Cable	1.Black, 2. Red	Blue
Power Control Cable	1. Black, 2. Red	Gray

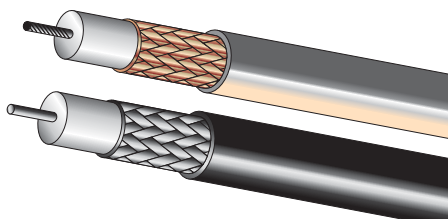
Notes:

Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%
100% Sweep Tested



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RF Coaxial Cables



RF Transmission 50 Ohm Coaxial RG58/U - RG58A/U - RG8/U - RG8x/U Type

Applications:

- RF Transmission
- Broadcast Transmission
- Wireless Communication

50Ω Type connectors

See pages 90

Standard pool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
812 RG58A/U Type	CM	20 (19x32) Tinned Copper 8.8 Ω/M'	Gas Injected PE† .116	Tinned Copper Braid 95%	PVC	.195	25 pf/ft	78%	50Ω	Black
					3 Pc. BNC	Connectors CN-BM53-13		Strip Tool TL-7503	Crimp Tool TL-104	
813 RG-58/U Type	CM	20 (Solid) Tinned Copper 10.1 Ω/M'	Gas Injected PE† .116	Tinned Copper Braid 95%	PVC	.195	26 pf/ft	78%	50Ω	Black
					3 Pc. BNC	Connectors CN-BM53-13		Strip Tool TL-7503	Crimp Tool TL-104	
25812 RG-58/U Type Plenum	CMP	20 (19x32) Tinned Copper 8.8 Ω/M'	Foam FEP .102	Tinned Copper Braid 95%	Flex Plenum	.158	25 pf/ft	82%	50Ω	Ivory
					3 Pc. BNC	Connectors CN-BM53-25		Strip Tool TL-7503	Crimp Tool TL-105	
810 RG-8/U Type	CM	13 Stranded Bare Copper 1.9 Ω/M'	Gas Injected PE† .280	Bare Copper Braid 95%	PVC	.405	26 pf/ft	82%	50Ω	Black
					3 Pc. BNC 3 Pc "N" Type	Connectors CN-BM53-8 CN-NM53/110		Strip Tool TL-124 TL-124	Crimp Tool TL-113 TL-112	
25810 RG-8/U Type Plenum	CMP	13 Stranded Bare Copper 1.9 Ω/M'	Foam FEP .280	Bare Copper Braid 95%	Copolymer	.352	25 pf/ft	82%	50Ω	Natural
					3 Pc. BNC	Connectors CN-25810KBNC		Strip Tool TL-124	Crimp Tool TL-115	
808F RG-8/U Type Flexible	--	10 (19x33) Bare Copper 1.15 Ω/M'	Gas Injected PE† .285	Bonded Bifoil 100% Tinned Copper Braid 90%	Polyurethane	.405	24.5 pf/ft	84%	50Ω	Black
					Connectors 3 Pc. "N" Type - CN-NM53-808					
807 RG-8X/U Type Flexible	CM	16 (19x29) Bare Copper 4.3 Ω/M'	Gas Injected PE† .155	Bare Copper Braid 95%	PVC	.242	25 pf/ft	82%	50Ω	Black
					3 Pc. BNC 3 Pc. "N" Type	Connectors CN-BM53-8X CN-NM53-8X		Strip Tool TL-7503	Crimp Tool TL-119	

Electrical Specifications:

Attenuation (db/100ft)

CAT. NO.	1 MHz	10 MHz	50 MHz	100 MHz	200 MHz	400 MHz	900 MHz	1 GHz
812	.5	1.3	3.2	4.6	6.8	10.1	16.7	18.2
813	.6	1.5	3.5	4.8	6.9	10.2	16.8	18.3
25812	.5	1.3	3.2	4.6	6.8	10.1	16.7	18.2
810	.2	.6	1.3	1.8	2.6	3.9	6.8	7.3
25810	.2	.6	1.2	1.6	2.5	3.7	6.7	7.2
808F	.2	.6	1.1	1.5	2.0	2.9	4.5	4.8
807	.3	.9	2.1	3.1	4.5	6.6	10.7	11.2

CCTV - Cable Assemblies RG59/U	
Catalog No.	Length (ft.)
CN-7B815BK-xx	Replace xx with: 3,6,10,15,20,25

Security Cable Assemblies BNC to BNC

CCTV - Cable Assemblies MiniMax 25AWG		
Catalog No.	Length	Jacket Colors
CN-7B825**-3	3 Foot	**- Jacket Colors Black-BK, Blue-BL, Red-RD, Yellow-YE, Green-GN, White-WH
CN-7B825**-6	6 Foot	
CN-7B825**-10	10 Foot	
CN-7B825**-15	15 Foot	
CN-7B825**-20	20 Foot	
CN-7B825**-25	25 Foot	



CCTV - Cable Assemblies Plenum MiniMax 25AWG		
Catalog No.	Length	Jacket Colors
CN-7B25825**-3	3 Foot	**- Jacket Colors Black-BK, Blue-BL, Red-RD, Yellow-YE, Green-GN, White-WH
CN-7B25825**-6	6 Foot	
CN-7B25825**-10	10 Foot	
CN-7B25825**-15	15 Foot	
CN-7B25825**-20	20 Foot	
CN-7B25825**-25	25 Foot	

Security Accessories

75 Ohm BNC Compression Style



Smaller
Profile
Compression
Design

75 Ohm BNC Compression Style	
Catalog No.	Description
CN-CSBNC-25	Multi-Piece Miniature 25Awg. 825
CN-CSBNC-59	1 Pc. RG59/U PVC
CN-FS59BNCPL4	1 Pc. RG59/U Plenum
CN-CSBNC-6	1 Pc. RG6/U PVC
CN-FS6BNCPL2	1 Pc. RG6/U Plenum
CN-CSBNC-11	RG11/U - Use TL-CSBNC-11 Tool

75 Ohm BNC Compression Style- Window	
CN-BNCP-RGB	1 Pc. Miniature 25Awg. RGB- Window
CN-BNCP-825	1 Pc. MiniMax 25Awg. 825 -Window
CN-BNCP-59	1 Pc. RG59/U Window
CN-BNCP-6	1 Pc. RG6/U Window

Security Accessories

75 Ohm BNC Crimp Style

Colored Rings are available- See page 110

75 Ohm BNC Crimp Style	
Catalog No.	Description
CN-BM74-19	4 Pc. Miniature RGBHV
CN-BM74-18	4 Pc. Minimax Miniature
CN-BM74-32	4 Pc. RG59/U PVC or Plenum
CN-BM73-5	3 Pc. RG6/U PVC
CN-BM73-4	3 Pc. RG6/U Plenum
CN-BM73-3	3 Pc. P806 Connector
CN-BF74-18	4 Pc. Female Minimax Miniature



Security CCTV Accessories

Security Connectors BNC Style- 50 Ohm

3 Pc. 50 Ohm BNC Crimp/Solder Style

Catalog No.	Description
CN-BM53-8	RG8/U
CN-BM53-8X	RG8X
CN-BM53-13	RG58/U
CN-BM53-25	RG58/U- Plenum
CN-BM53-26	RG11/U-
CN25810KBNC	25810



Security Accessories Stripping Tools

Stripping Tools

Catalog No.	Description
TL-124	3 Cut Tool RG8, RG11, RG213
TL-825	MiniMax 25Awg.
TL-CSST	Compression Strip Tool- 2 Cut- RG59 & 6
TL-KLEIN	All Purpose Strip Tool
TL-7503	Pro Series 3 step adjustable blades
TL-PS11	Compression Strip Tool- 2 Cut- RG11

TL-825



TL-KLEIN

Security Accessories Crimp Tools

Tools Crimp and Compression

Catalog No.	Description
TL-104	RG58, RG59/U, RG59 Plenum
TL-105	MiniMax 25Awg.and 26Awg.
TL-803	Universal MiniMax and RG59
TL-107	Universal RG59, RG6
TL-113	RG8/U & RG11/U
TL-115	RG8/U Plenum 25810
TL-119	RG8X/U
TL-SNSA	Compression Tool BNC, RCA, F
TL-548G	Alternate Compression Tool
TL-CSBNC-11	RG11/U Comp. Tool

TL-107



TL-SNSA

Notes:

TL-SNSA - Accepts RG59, & RG6

TL-548G- Accepts RG59, RG6, & RG11
RECOMMENDED FOR WINDOW STYLE

Crimp Tool Die Sizes: inches

TL-104: .068, .213, .255

TL-105: .068, .178

TL-803: .065, .068, .178, .213, .255

TL-107: .068, .093, .213, .255, .311

TL-113: .102, .359, .406

TL-115: .068, .100, .324, .384

TL-119: .068, .110, .213, .255, .324



TL-1933A

Testers

Catalog No.	Description
TL-1933A	Receptacle Tester

BNC Removal Tools

Catalog No.	Description
TL-4006	8" BNC Removal Tool

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Security CCTV Accessories

Security - CCTV Accessories Baluns



CCTV Passive Device	
CN-BNCJ	BNC Female to RJ45

Category 5 or Better UTP
Distance: 2230ft

CCTV Passive Device	
CN-BNCJKS	BNC Female to RJ45 Keystone Mount

Category 5 or Better UTP
Distance 2230ft



CCTV Passive Device	
CN-MTL	Miniature - BNC Male to IDC Clamp Down
CN-MTL2	Miniature - BNC Male to screw terminals- Sold in Pairs

CN-MTL2- Economy- Category 5 or Better UTP
Distance: 2230ft

CCTV Passive Device	
CN-RJ45PT	BNC Male to RJ45 IDC Clamp Down Pigtail
CN-STPT2	BNC Male to Screw Terminal Pigtail- Sold in Pairs

Category 5 or Better UTP
Distance: 2230ft



CCTV Passive Device	
CN-TL	BNC Male to IDC Clamp Down
CN-50VB10	Economy BNC Male to Spring Clamps- Sold in Pairs up to 1250ft.

Category 5 or Better UTP
Distance: 2230ft

CCTV Passive Device	
CN-PVRJ45	BNC Male to RJ45 - Power Thru and Video

Category 5 or Better UTP: Distance: 2230ft
Power: 3 Pair - 24VDC.
5VA: 519ft. (170mm), 10VA: 258ft. (85mm),
20VA: 130ft. (43mm), 30VA: 86ft



CCTV Passive Device	
CN-RJ45	BNC Male to RJ45
CN-50VBRJ45	Economy BNC Male to RJ45 - Sold in Pairs - Up to 1250ft.

CCTV Passive Device	
CN-VPDRJ45	BNC Male to RJ45 - Power Thru , Video, and Data



CCTV Passive Patch Panel	
CN-H16PRJ45BNC	16 Port RJ45 to 16 Port BNC PatchPanel
CN-H16STRJ45	16 Port RJ45 With Power and Control Screw Terminal
CN-H16PRJ45	16 Port RJ45 to RJ45 PatchPanel

CCTV Active Receiver Hub	
CN-AH16PRJ45BNC	16 Port Active Reciever Hub
CN-AH32PRJ45BNC	32 Port Active Reciever Hub



Complete listing of Baluns In the LAN Cable Accessories
pgs. 156-158

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Security Accessories Wall Mount Enclosures



FI-WM12

Wall Mount Enclosures

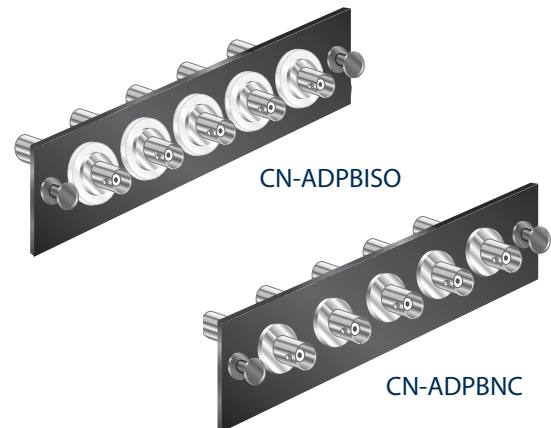
FI-WME06STL	6 Port Economy, Dedicated PP Loaded•
FI-WME12STL	12 Port Economy, Dedicated PP Loaded•
FI-WM12	6/12 Port Double Door, Six Pack Empty - 2 Plates
FI-WM24	24 Port Double Door, Six Pack Empty - 4 Plates
FI-WM48	48 Port Double Door, Six Pack Empty - 8 Plates
FI-WM100	100/120Port Wall Mount Patch Panel

• Loaded with ST MultiMode Adaptors

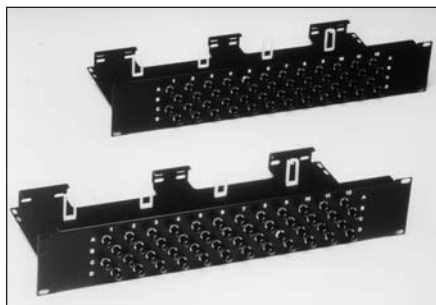
Security Accessories Adapter Plates- 5.0625" X 1.125"

BNC Adapter Plates

CN-ADPBNC	5 BNC Female to Female Plate Installed
CN-ADPBISO	5 BNC Female to Female Plate Isolated Installed
CN-ADPBNCE	5 BNC Position Empty
CN-ADP6BNK	Blank Plate



Security Products Rack Mount Panels



Rack Mount Patch Panels

FI-RM24	Empty Rack - Load with 4 Adapter Plates (19"- 3.35"H X 11.970D)
FI-RM48	Empty Rack - Load with 8 Adapter Plates (19"- 5.1"H X 11.970D)
FI-RM72	Empty Rack - Load with 12 Adapter Plates (19"- 6.85"H X 11.970D)
CN-BNCE-16	16 Port BNC Empty (19"- 1.720"H X 8.00D)
CN-BNCE-32	32 Port BNC Empty (19"- 3.470"H X 8.00D)
CN-BNCE-48	48 Port BNC Empty (19"- 3.470"H X 8.00D)
CN-BNCL-16	16 Port BNC Loaded (19"- 1.720"H X 8.00D)
CN-BNCL-32	32 Port BNC Loaded (19"- 3.470"H X 8.00D)
CN-BNCL-48	48 Port BNC Loaded (19"- 3.470"H X 8.00D)
CN-BNCIL-16	16 Port BNC Isolated Loaded (19"- 1.720"H X 8.00D)
CN-BNCIL-32	32 Port BNC Isolated Loaded (19"- 3.470"H X 8.00D)
CN-BNCIL-48	48 Port BNC Isolated Loaded (19"- 3.470"H X 8.00D)

Security Adapter Free Standing Racks

Free Standing Racks

WPDR-4819	19" Free Standing Rack- 48"
WPDR-7219	19" Free Standing Rack- 72"
WPDR-8419	19" Free Standing Rack- 84"
WPCR-8419	19" Cable Management Rack- 84"

Complete listing of Racks In the Fiber Optic
Accessories pg. 172



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Accessories BNC Adaptors



CN-ADP503 BNC Right Angle M to F

CN-ADP703 75 ohm BNC RA M to F



CN-ADP506 BNC- T- 3 Female



CN-ADP505 BNC- T- 2 Female- 1 Male

CN-ADP705 75 Ohm BNC- T- 2 F- 1 M



CN-ADP511 BNC M to M



CN-ADP504 BNC F to UHF F



CN-ADP755 75 Ohm Splice



CN-ADP756 75 ohm BNC F to F Bulkhead



CN-ADP500 BNC F to UHF M



CN-MT-50 50 Ohm BNC Terminator

CN-MT-75 75 Ohm BNC Terminator

CN-ADP559 BNC F to F Bulkhead-UG49



CN-ADP516 BNC M to "F" Female



CN-ADP512 BNC M to UHF F



CN-ADP807 BNC M to "N" F



CN-ADP523 BNC 2 Female - 1 Male Goal Post



CN-ADP521 BNC F to F Iso.Bulkhead

CN-ADP721 75 ohm BNC F to F Iso.Bulkhead



CN-ADP-ST BNC Bulkhead - Tab

CN-ADP-ST75 75 ohm BNC Bulkhead - Solder Tab



Adaptors

Accessories RCA Adaptors



CN-ADP501 BNC F to RCA M



CN-ADP515 BNC M to RCA F



CN-ADP106 RCA F to "F" Male



CN-ADP103 RCA M to "F" Female

Accessories UHF Adaptors



CN-ADP205 UHF RA Male to Female



CN-ADP207 Inline UHF (F to F)



CN-ADP805 UHF Male to "N" Female

50 OHM RF CONNECTORS

Video Connectors "N" Type Connectors

"N" Type Style	
Catalog No.	Description
CN-NM53-808	For Cable P.N. 808F
CN-NM53-110	"N" Type RG8/U
CN-ETN-23	"N" Type Ethernet
CN-NM53-8X	"N" Type Ethernet- RG8x/U

Video Connectors UHF

UHF Connectors	
Catalog No.	Description
CN-PL259-1	RG58/U
CN-PL259-2	RG59/U
CPF-249-1	2 Pc. UHF



TNC Style Connectors

Catalog No.	Description
CN-TM53-1	TNC RG58/U
CN-TM53-2	TNC RG59/U

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