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# Instrumentation

Control cable

The Best Way Networking Makes Everything Better

# Instrumentation

## Control Cable



### COMPUTER NETWORK CABLES



CB64XXX



CF64XXX

#### Multicore Overall Screened Cable UL2464

This general purpose multicore cables constructed from Tinned stranded copper conductor, PVC insulated Aluminium mylar taped for our CF...series and add overall Tinned copper Braiding 85% on our CB...series, PVC jacket passed UL type CL2, 3 flame test. Rating is 300V. and 80°C

Part #	Description
CB64XXX	Multicore Double Shield/CB Series 24, 22 Awg and 3-50 Core
CF64XXX	Multicore Single Shield/CF Series 26, 24 Awg and 3-50 Core
<b>Size of Cable :</b>	24 Awg & 22 Awg (ขนาดของเทคนอพอเทจ)
<b>Quantity of Cable :</b>	3-50 Core (จำนวนเส้นของเทคนอพอเทจ)

#### Multipairs Low Capacitance Cable UL2919

This IEDC ...cables sometimes was called Extended Distance Data Cables gives you that extra transmission of balance circuit like RS232, RS422 or RS485 as longer distance compare with normal cables. Its twisted pairs and double shield construction ensures that no interference in your extended data transmission distance.

**Conductor :** Tinned stranded copper **Insulation :** Polyethelene

**Shield :** Aluminium polyester Foil **Drain Wire :** 7 strands tinned copper **Jacket :** PVC ivory color

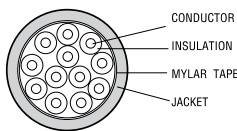


IEDC2XXX

Part #	Description
IEDC2XXX	Multipair Double Shield Cable 24,22 Awg and 1-25 Pair
<b>Size of Cable :</b>	24 Awg & 22 Awg (ขนาดของเทคนอพอเทจ)
<b>Quantity of Cable :</b>	1-25 Pair (จำนวนเส้นของเทคนอพอเทจ)

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### INSTRUMENTATION AND CONTROL CABLE



#### Multiconductors Unshielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt

**Conductor :** Fine stranded concentric bare copper **Insulation :** 105°C PVC optional PE, XLPE, PP

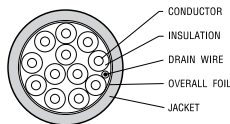
**Jacket :** Black sunlight resistant PVC

**Application :** For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.



IMXXX

Part #	Description
IMXXX	Multiconductors Unshielded and 2-36 Core
<b>Size of Cable :</b>	22-13 Awg (ขนาดของเทคนอพอเทจ)
<b>Quantity of Cable :</b>	2-36 Core (จำนวนเส้นของเทคนอพอเทจ)



#### Multiconductors Foiled Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt

**Conductor :** Fine stranded concentric bare copper **Insulation :** 105°C PVC optional PE, XLPE, PP

**Shield :** 100% coverage, aluminium polyester foil shield **Drain Wire :** 7 strands tinned copper

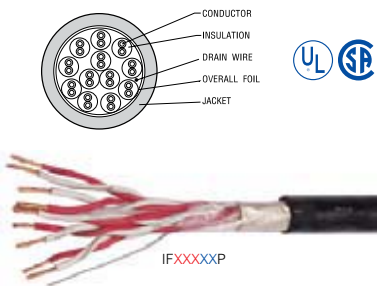
**Jacket :** Black sunlight resistant PVC **Application :** For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.



IFXXX

Part #	Description
IFXXX	Multiconductors Foiled shielded 2-36 Core
<b>Size of Cable :</b>	22-13 Awg (ขนาดของเทคนอพอเทจ)
<b>Quantity of Cable :</b>	2-36 Core (จำนวนเส้นของเทคนอพอเทจ)

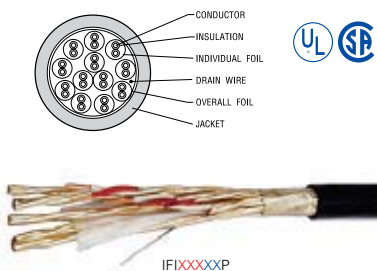
## INSTRUMENTATION AND CONTROL CABLE



### Multipairs Foiled Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Construction** : Twisted pairs construction, traids and quads twisted also available  
**Shield** : 100% coverage aluminium polyester foil shield **Drain Wire** : 7 strands tinned copper  
**Jacket** : Black sunlight resistant PVC **Application** : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

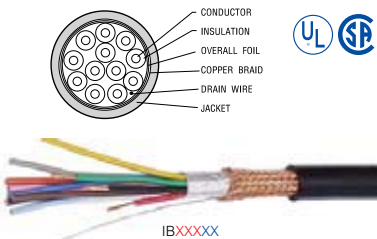
Part #	Description
IFXXXXP	Multipair Foiled Shielded 1-30 Pair
<b>Size of Cable :</b>	20,18,16 Awg (ပေးသင့်သည့်အရွယ်အစား)
<b>Quantity of Cable :</b>	1-30 Pair (အလိုအလျောက်ပေးသည့်အရွယ်အစား)



### Multipairs Individual Foiled Shielded & Overall Foiled Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Construction** : Twisted pairs construction with individually foil each pairs, traids and quads twisted also available.  
**Shield** : 100% coverage aluminium polyester foil shielded **Drain Wire** : 7 strands tinned copper  
**Jacket** : Black sunlight resistant PVC **Application** : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

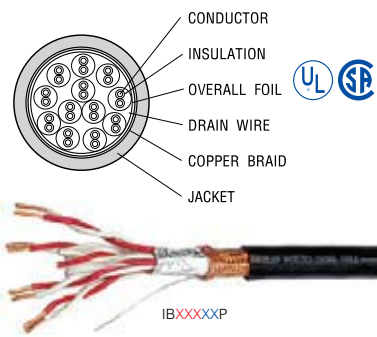
Part #	Description
IFIXXXXXP	Multipairs Individual Foiled Shielded & Overall Foiled Shield 2-36 Pair
<b>Size of Cable :</b>	20,18,16 Awg (ပေးသင့်သည့်အရွယ်အစား)
<b>Quantity of Cable :</b>	2-36 Pair (အလိုအလျောက်ပေးသည့်အရွယ်အစား)



### Multiconductors Foiled/Copper Braided Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Shield** : 100% coverage aluminium polyester foil shield and 85% of copper braided  
**Drain Wire** : 7 strands tinned copper **Jacket** : Black sunlight resistant PVC  
**Application** : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

Part #	Description
IBXXXXX	Multiconductors Foiled/Copper Braided Shielded 2-36 Core
<b>Size of Cable :</b>	22-13 Awg (ပေးသင့်သည့်အရွယ်အစား)
<b>Quantity of Cable :</b>	2-36 Core (အလိုအလျောက်ပေးသည့်အရွယ်အစား)



### Multipairs Foiled/Copper Braided Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Construction** : Twisted pairs construction, traids and quads twisted also available  
**Shield** : 100% coverage aluminium polyester foil shield and 85% of copper braided  
**Drain Wire** : 7 strands tinned copper **Jacket** : Black sunlight resistant PVC  
**Application** : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

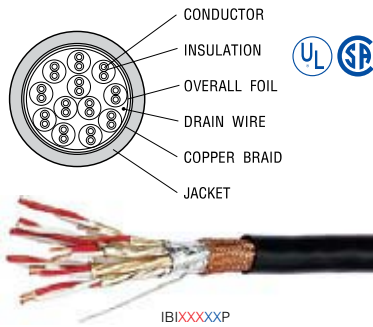
Part #	Description
IBXXXXXP	Multipair Foiled/Copper Braided Shielded 1-30 Pair
<b>Size of Cable :</b>	20,18,16 Awg (ပေးသင့်သည့်အရွယ်အစား)
<b>Quantity of Cable :</b>	1-30 Pair (အလိုအလျောက်ပေးသည့်အရွယ်အစား)

# Instrumentation

## Control Cable



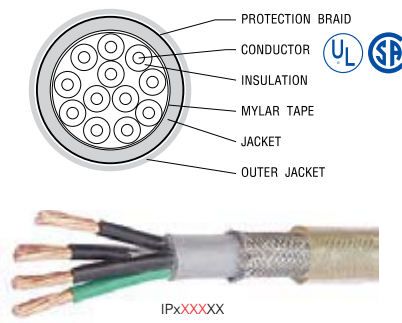
### INSTRUMENTATION AND CONTROL CABLE



#### Multipairs Individual Foiled overall Foiled/Copper Braided Shielded

UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Construction** : Twisted pairs construction with individually foil each pairs, traids and quads twisted also available  
**Shield** : 100% coverage aluminium polyester foil shield and 85% of copper braided  
**Drain Wire** : 7 strands tinned copper **Jacket** : Black sunlight resistant PVC  
**Application** : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

Part #	Description
IBIXXXXP	Multipair Individual Foiled overall Foiled/Copper Braided Shielded 2-36 Pair
<b>Size of Cable :</b>	20,18,16 Awg (ขนาดของท่อนทองแดง)
<b>Quantity of Cable :</b>	2-36 Pair (จำนวนเส้นของท่อนทองแดง)



#### Multiconductors with Steel wire Braided Double sheath

IPC...Copper IPA...aluminium or IPS...galvanized steel wire braided, UL subject 13 type CL2, CL3, NEC articles 725-38 (b) (1), 105°C, 300, 600 Volt  
**Conductor** : Fine stranded concentric bare copper **Insulation** : 105°C PVC optional PE, XLPE, PP  
**Protection** : IPC...Tinned Copper braid, IPA...Aluminium wire braid, IPS...Galvanized steel wire braid  
**Jacket** : Inner PVC jacket plus PVC outer jacket **Application** : For process control and instrumentation in heavy duty area. Passes UL type CL2, CL3 vertical tray flame test. Installed in cable trays, raceways, conduit or aerial.

Part #	Description
IPxXXXXX	Multiconductors with Steel wire Braided Double sheath 2-36 Core
<b>Size of Cable :</b>	20,18,17,15 Awg (ขนาดของท่อนทองแดง)
<b>Quantity of Cable :</b>	2-36 Core (จำนวนเส้นของท่อนทองแดง)

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### COMMUNICATIONS CABLE



#### Twinaxial Cable

Part #	Description
7362311	100 Ohms Impedance UL2498 Twinaxial Cable
9463H	78 Ohms Impedance UL2092 Twinaxial Cable
9470	124 Ohms Impedance UL2092 Twinaxial Cable



#### RS485, RS422 Applications Individual Foil & Copper Braid Shield

Part #	Description
94852B	2 Pair 22 Awg with Individual Foil and Copper Braid Shield
94854B	4 Pair 22 Awg with Individual Foil and Copper Braid Shield



#### RS485, RS422 Applications Individual Foil Shield

Part #	Description
94852F	2 Pair 22 Awg with Individual Foil Shield
94854F	4 Pair 22 Awg with Individual Foil Shield



### INTELLIGENT BUILDING CABLES - UTP CABLE (OUTDOOR)



#### UTP Outdoor CAT5E Double Jacket

- Impedance 100 Ohm +/- 15%
- DC resistance max. 28.6 ohms/1000ft.
- Insulation Polyethelene
- Outer Jacket Black PVC 7.0 mm.
- Mutual capacitance max. 17.1 nf/1000ft.
- Conductor 24 Awg 4 Pairs
- Inner Jacket Black PE 5.5 mm.
- Standard UL, CSA listed and ETL verified

Part #	Description
UTPCAT5E-D	UTP Outdoor Cat.5e Double Jacket

#### UTP Outdoor Cat.5e Double Jacket+Messenger

- Conductors : 4 Pairs 24 Awg Solid Bare Copper Wire. Ins./Thickness : Polyethylene 0.18 mm.  
 Inner PE Jacket Diameter : 4.80 mm.  
 Thickness : 0.50 mm. Outer PVC Jacket Diameter : 6.50 mm.  
 Thickness : 0.85 mm. Nominal Diameter of Messenger : 1.30 mm.



Part #	Description
UTPCAT5E-D+S	UTP Outdoor Cat.5e Double Jacket+Messenger



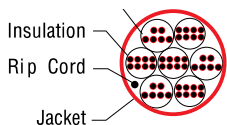
#### UTP Outdoor Cat.6 Double Jacket

- Conductors : 4 Pairs 23 Awg Solid Bare Copper Wire Jacket Black Color CMR Rate (UL)

Part #	Description
UTPCAT6-D	UTP Outdoor Cat.6 Double Jacket

#### UTP Outdoor Cat.5e UTP 25 Pairs Backbone Cable

- Rated temperature : 75°C
- High density PE insulation
- Rip cord under jacket
- Minimum bending radius : O.D.x8
- Weight for UTPCAT5-25P is 69.3kg
- 24 Awg solid bare copper conductor
- PE jacket (UV and moisture protect)
- Cable diameter : 12.5 mm.
- Maximum pull strength : 86.6N



Part #	Description
UTPCAT5-25P	UTP Outdoor Cat.5 25 Pairs Backbone Cable

### INTELLIGENT BUILDING CABLES - CATV COAXIAL DROP CABLE

#### CATV/MATV Coaxial Drop Cable



RG-11



RG-11 with Messenger

- Std Bonded foil 60%, 90% braid PVC jacket 14 Awg copper covered steel center conductor  
 RG 11 drop cable suitable for CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.  
 RG 11 can be used as a trunk cable.

Part #	Description
C-RG11-S60	RG-11 Coaxial Cable Shield 60%
C-RG11-S60-M	RG-11 Coaxial Cable Shield 60% with Messenger
C-RG11-S90	RG-11 Coaxial Cable Shield 90%
C-RG11-S90-M	RG-11 Coaxial Cable Shield 90% with Messenger

# Instrumentation

## Control Cable



### INTELLIGENT BUILDING CABLES - CATV COAXIAL DROP CABLE



- MATV ย่อมาจาก Master Antenna Television
- CATV ย่อมาจาก Community Antenna Television System

#### CATV/MATV Coaxial Drop Cable

Std Bonded foil 67% braid PVC jacket 20 Awg copper covered steel center conductor.  
 RG-59 drop cable suitable for CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.  
 RG-59 can be used as a branch cable.

Part #	Description
C-RG59-S67	RG-59 Coaxial Cable Shield 67%
C-RG59-S67-M	RG-59 Coaxial Cable Shield 67% with Messenger



- CCTV ย่อมาจาก Closed-Circuit Television

#### CATV/MATV Coaxial Drop Cable

Std Bonded foil 60% braid PVC jacket 18 Awg copper covered steel center conductor.  
 RG-6 drop cable suitable for CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.  
 RG-6 can be used as a branch cable.

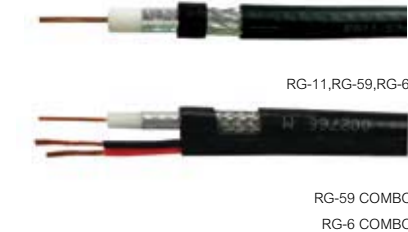
Part #	Description
C-RG6-S60	RG-6 Coaxial Cable Shield 60%
C-RG6-S60-M	RG-6 Coaxial Cable Shield 60% with Messenger
C-RG6-S90	RG-6 Coaxial Cable Shield 90%
C-RG6-S90-M	RG-6 Coaxial Cable Shield 90% with Messenger

### INTELLIGENT BUILDING CABLES - CCTV COAXIAL CABLE

#### CCTV/CATV Coaxial Cable

Std Bonded foil 90% Aluminum Wire Braid 90%  
 Jacket : Flame-Retardant PVC ROHS CENTER  
 Conductor : 20 Awg Copper-Clad steel (RG-11, RG-59) , 18Awg (RG-6)

สายสัญญาณ 75 โอห์มชนิดนี้เป็นสายอเนกประสงค์สำหรับงานติดตั้งระบบทีวีทั่วไป, เคเบิลทีวี, ทีวีพาดวงกลม มีมาตรฐาน สอดคล้องตามสัญญาณที่ความถี่สูงสุด 1 กิกะเฮิรตซ์ ทำให้มันมีค่าได้ว่าสัญญาณรบกวนจะถูกขจัด และยังสามารถนำไปใช้ในแบบ ติดตั้งระบบกล้องวงจรปิดได้



Part #	Description
D-RG11-S90	RG-11 CATV/CCTV 75 Ohm Coaxial Cable Shield 90%
D-RG59-S90	RG-59 CATV/CCTV 75 Ohm Coaxial Cable Shield 90%
D-RG59-S90-C	RG-59 CATV/CCTV 75 Ohm Coaxial Cable Shield 90% 20 Awg Bare Copper Wire (TP)
D-RG6-S90	RG-6 CATV/CCTV 75 Ohm Coaxial Cable Shield 90%
D-RG6-S90-C	RG-6 CATV/CCTV 75 Ohm Coaxial Cable Shield 90% 18 Awg Bare Copper Wire (TP)



Part #	Description
F-RG-11/U	RG-11/U CCTV 75 Ohm Coaxial Cable Shield 95%
F-RG-59/U	RG-59/U CCTV 75 Ohm Coaxial Cable Shield 95%
F-RG-6/U	RG-6/U CCTV 75 Ohm Coaxial Cable Shield 95%



## INTELLIGENT BUILDING CABLES - RG TYPE COAXIAL CABLE



Part #	Description
<b>F-RG-58/U</b>	RG-58/U Coaxial Cable Shield 90% TC Braid
<b>F-RG-8/U</b>	RG-8/U Coaxial Cable Shield 90% BC Braid
<b>RG-174/U</b>	RG-174/U Coaxial Cable Shield 90% TC Braid

## INTELLIGENT BUILDING CABLES - JIS TYPE COAXIAL CABLE



Electronic Equipment Applications

Electronic Equipment Applications : TV, radio or phone receivers on automobile or ship, Car navigation system (GPS), Wiring inside telecommunications and electronic equipment such as portable phone.

Part #	Description
<b>1.5C-2V</b>	1.5C-2V Coaxial Cable 50&75 Ohm Shield 95% BC Braid
<b>2.5C-2V</b>	2.5C-2V Coaxial Cable 50&75 Ohm Shield 95% BC Braid



3C-2V

Video Applications

Video Application : Interior lines for Monitoring system CCTV feeder lines Wiring between the camera and control unit and Video Signal transmission.

Part #	Description
<b>3C-2V</b>	3C-2V Coaxial Cable 75 Ohm Shield 95% BC Braid
<b>5C-2V</b>	5C-2V Coaxial Cable 75 Ohm Shield 95% BC Braid



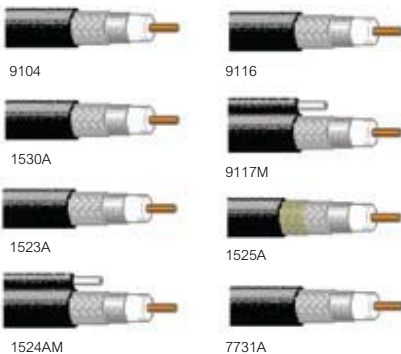
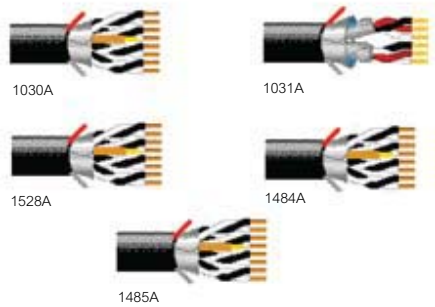
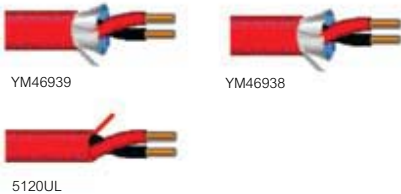
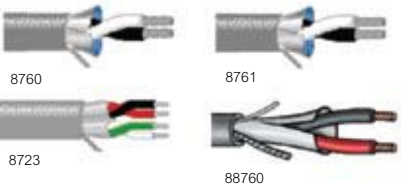
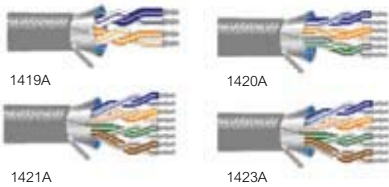
5C-2V

# Instrumentation

## Control Cable



### BELDEN - INSTRUMENTATION CABLE



### Multi-Pairs Cable For RS-232 and RS-422 Application

Part #	Description
1419A	Multipairs 2 Pairs 24 Awg Overall Shield
1420A	Multipairs 3 Pairs 24 Awg Overall Shield
1421A	Multipairs 4 Pairs 24 Awg Overall Shield
1423A	Multipairs 6 Pairs 24 Awg Overall Shield
1424A	Multipairs 2 1/2 Pairs 24 Awg Overall Shield
8334	Multipairs 4 Pairs 24 Awg Shield 65%

Applications : Computer Cables, Low Capacitance EIA RS-232/422

### B.A.S. Fire Alarm and Instrumentation

Part #	Description
8760	1 Pair 18 Awg Stranded Overall Foil Shield 300V Grey PVC Jacket
8761	1 Pair 22 Awg Stranded Overall Foil Shield 300V Grey PVC Jacket
8723	2 Pair 22 Awg Stranded Individual Shield 300V Grey PVC Jacket
88760	1 Pair 18 Awg Stranded Overall Foil Shield Teflon® FEM Jacket

Applications : Audio, Control and Instrumentation Cable, Industrial Data, Interconnect, Analog Audio Cables, Single Pair.

### Fire Alarm Cable

Part #	Description
YM46938	1 Pair 16 Awg Solid Overall Foil Shield 300V 105°C Red PVC Jacket
YM46939	1 Pair 14 Awg Solid Overall Foil Shield 300V 105°C Red PVC Jacket

Applications : Fire Alarm Cables, Power-Limited Fire Protective Signaling Circuit Cables.

5120UL	1 Pair 14 Awg Solid 300V 75°C Red PVC Jacket (No Shield, No Drain wire)
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Applications : Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits.

### Industrial Automation & Process Control Cables (300 V PLTC/ITC/CL3)

Part #	Description
1030A	1 Pair 16 Awg Stranded Overall Foil Shield 300V 105°C
1031A	1 Traid 16 Awg Stranded Overall Foil Shield 300V 105°C, 3 cond. Twisted
1528A	3 Pair 16 Awg Stranded Overall Foil Shield 300V 105°C
1484A	4 Pair 16 Awg Stranded Overall Foil Shield 300V 105°C
1485A	8 Pair 16 Awg Stranded Overall Foil Shield 300V 105°C

Applications : Instrumentation, 300 Volt PLTC/ITC/CMG.

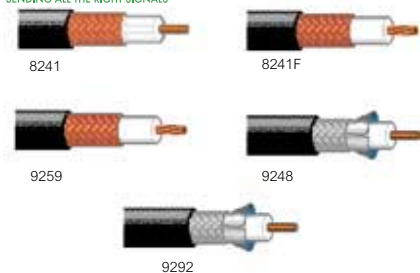
### MATV/CATV/SMATV Cables

Part #	Description
9104	RG-59/U 20 Awg 67% Shield PVC Jacket
9116	RG-6/U 18 Awg 60% Shield PVC Jacket
9066	RG-6/U 18 Awg 60% Shield PE Jacket Outdoor
1530A	RG-6/U 18 Awg 90% Shield PVC Jacket
9117M	RG-6/U 18 Awg 60% Shield Messenger
1523A	RG-11/U 14 Awg 60% Shield PVC Jacket
1525A	RG-11/U 14 Awg 60% Shield PE Jacket Outdoor
1524AM	RG-11/U 14 Awg 60% Shield Messenger
7731A	RG-11/U 14 Awg 95% Shield PVC Jacket

Applications : Broadband Coax CATV Cables.



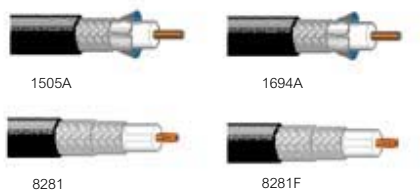
### BELDEN - INSTRUMENTATION CABLE



#### CCTV/Video Cables

Part #	Description
8241	RG-59/U 23 Awg Solid Conductors 95% Shield
8241F	RG-59/U 22 Awg Stranded Conductors 95% Shield
9259	RG-59/U 22 Awg Stranded Conductors 95% Shield
9248	RG-6/U 18 Awg Solid Conductors 95% Shield
9292	RG-11/U 14 Awg Solid Conductors 95% Shield

Applications : Standard Analog Video Cables - 75 Ohm Coax.



#### Analog and Digital Video Cables

Part #	Description
1505A	RG-59/U 20 Awg (SDI Digital Video) 95% Shield
1694A	RG-6/U 18 Awg (SDI Digital Video) 95% Shield
8281	RG-59/U 20 Awg (Double Braided)
8281F	RG-59/U 20 Awg (High Flex Version)

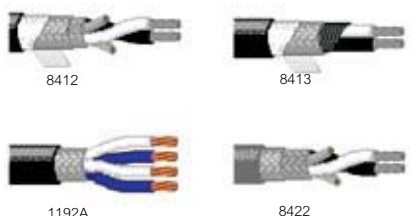
Applications : Precision Video Cable for Analog and Digital Broadcast Coax Precision Video Cable for Analog and Digital HDTV/SDI.



#### AES/EBU Digital Audio Cables

Part #	Description
1800B	1 Pair 24 Awg AES, EBU Digital Audio Overall Shield
1696A	1 Pair 22 Awg AES, EBU Digital Audio Overall Foil Shield

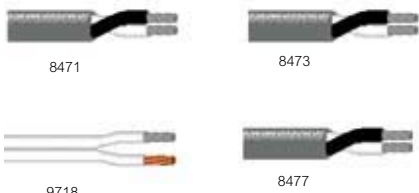
Applications : AES/EBU Digital Audio Cables, Single Pair.



#### Microphone And Musical Instrument Cables

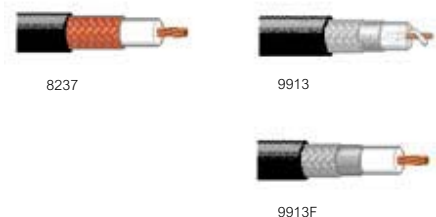
Part #	Description
8412	High Conductivity 20 Awg 2 Cond Low impedance 600V
8413	High Conductivity 24 Awg 2 Cond Low impedance 300V
8422	High Conductivity 22 Awg 2 Cond Low impedance 100V
1192A	High Conductivity 24 Awg 4 Cond Low impedance 100V

Applications : Microphone and Musical Instrument Cables, Four Conductor Star Quad Low Impedance.



Part #	Description
8461	1 Pair 18 Awg Unshield PVC Jacket
8471	1 Pair 16 Awg Unshield PVC Jacket
8473	1 Pair 14 Awg Unshield PVC Jacket
8477	1 Pair 12 Awg Unshield PVC Jacket
9718	1 Pair 12 Awg Unshield PVC Jacket

Applications : Microphone and Musical Instrument Cables, Four Conductor Star Quad Low Impedance.



#### 50 Ohm Transmission and Computer Cables

Part #	Description
8237	RG-8/U 13 Awg Stranded Conductors PVC Jacket
9913	RG-8/U 10 Awg Solid Conductor PVC Jacket
9913F	RG-8/U 10 Awg Stranded Conductor PVC Jacket
8219	RG-58A/U 20 Awg PVC Jacket

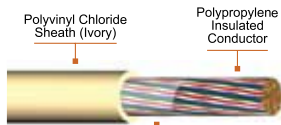
Applications : 50 Ohm Transmission and Computer Cables.

# Instrumentation

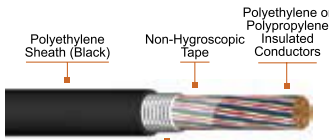
## Control Cable



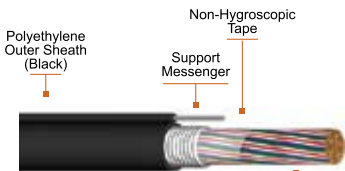
### INTELLIGENT BUILDING CABLES - TELEPHONE WIRE CABLE



สายโทรศัพท์ภายในอาคาร



สายโทรศัพท์ภายนอกแบบไม่มีสลิ้ง



สายโทรศัพท์ภายนอกแบบมีสลิ้ง

**Application :** For connecting subscriber equipment inside the building.

Part #	Description
<b>XXTPEVXX</b>	Telephone cable Indoor TPEV 3-400 Pair
<b>Size of Cable :</b>	0.5 mm (24 Awg), 0.65 mm (22 Awg) (ขนาดของพินทองแดง)
<b>Quantity of Cable :</b>	3-400 Pair (จำนวนเส้นของพินทองแดง)

**Application :** For exchange area telephone distribution lines principally for aerial installation by attachment to a support strand. It may be used however in underground ducts where there is no damage due to mechanical abuse.

Part #	Description
<b>XXAPXX</b>	Telephone cable Outdoor AP 3-400 Pair
<b>Size of Cable :</b>	0.5 mm (24 Awg), 0.65 mm (22 Awg) (ขนาดของพินทองแดง)
<b>Quantity of Cable :</b>	3-400 Pair (จำนวนเส้นของพินทองแดง)

**Application :** For exchange area telephone distribution lines, It is designed especially for aerial installation by using the support messenger.

Part #	Description
<b>XXAPFig.8XX</b>	Telephone cable Outdoor AP (Figure 8) 3-400 Pair
<b>Size of Cable :</b>	0.5 mm (24 Awg), 0.65 mm (22 Awg) (ขนาดของพินทองแดง)
<b>Quantity of Cable :</b>	3-400 Pair (จำนวนเส้นของพินทองแดง)

Instrumentation Control Cable  
http://www.bismon.com-info@bismon.com

### INTELLIGENT BUILDING CABLES - FIRE ALARM CABLES



Fire Alarm Cable



Fire Alarm Cable (Double Jacket)

#### Fire Alarm Cables

**Conductor :** 22 thru 12 Awg anneal bare solid copper wire  
**Insulation :** Color coded PVC insulation Black & Red  
**Shielded :** 100% aluminium-mylar tape shield with tinned copper drain wire  
**Jacket :** Red Color PVC Jacket  
**Temperature rating :** -20°C to + 105°C  
**Voltage rating :** 300V Passed UL 70,000 btu/hr vertical flame test  
**Application :** Fire Alarm system. Smoke Detector. Critical central fire Systems

Part #	Description
<b>9012</b>	1 Pair 12 Awg Fire Alarm Cable
<b>9014</b>	1 Pair 14 Awg Fire Alarm Cable
<b>9016</b>	1 Pair 16 Awg Fire Alarm Cable
<b>9018</b>	1 Pair 18 Awg Fire Alarm Cable
<b>9020</b>	1 Pair 20 Awg Fire Alarm Cable
<b>9022</b>	1 Pair 22 Awg Fire Alarm Cable
<b>9012-D</b>	1 Pair 12 Awg Fire Alarm Cable (Double Jacket)
<b>9014-D</b>	1 Pair 14 Awg Fire Alarm Cable (Double Jacket)
<b>9016-D</b>	1 Pair 16 Awg Fire Alarm Cable (Double Jacket)
<b>9018-D</b>	1 Pair 18 Awg Fire Alarm Cable (Double Jacket)

**Conductor :** 18 thru 12 Awg anneal bare solid copper wire  
**Insulation :** Color coded PVC insulation Black & Red  
**Shielded :** Twisted pair shield 100% aluminium-mylar tape shield with tinned copper drain wire  
**Jacket :** Red color PVC Jacket (Lead Free)  
**Temperature rating :** -20°C to + 105°C  
**Voltage rating :** 300 VAC UL Test VW-1

Part #	Description
<b>8212F</b>	1 Pair 12 Awg Fire Alarm Cable
<b>8214F</b>	1 Pair 14 Awg Fire Alarm Cable
<b>8216F</b>	1 Pair 16 Awg Fire Alarm Cable
<b>8218F</b>	1 Pair 18 Awg Fire Alarm Cable

