



YAZAKI

Price List



ข้อมูลบริษัท

บริษัท สายไฟฟ้าไทย-ยازากิ จำกัด หรือ TYE นับจากก่อตั้งบริษัทขึ้นเมื่อปี พุทธศักราช 2505 บริษัท ก็ค่อย ๆ เติบโต ก้าวขึ้นเป็นผู้นำด้านการผลิต และจำหน่ายสายไฟฟ้า และสายเคเบิลที่เป็นตัวนำทองแดง และอลูมิเนียม ที่ไม่หยุด สร้างสรรค์เทคโนโลยีใหม่ ๆ สู้สังคม และยังมีส่วนแบ่งการตลาดเป็นอันดับต้นๆ ในประเทศ เรามีฐานการผลิตที่จังหวัดสมุทรปราการ

ซึ่งมี 3 สาขา คือ สาขาพระประแดง หรือ TYE-P , สาขาวัดแค หรือ TYE-W และสาขาสุวรรณภูมิ หรือ TYE-S โดยดำเนินธุรกิจมานานกว่า 50 ปี ตั้งอยู่ในทำเลที่เป็นศูนย์กลางอุตสาหกรรมผลิตของประเทศ



หน้าที่ของเราคือการเป็นผู้ผลิตสายไฟฟ้าที่มีคุณภาพ ที่จะเข้าไปเป็นส่วนหนึ่งของการดำรงชีวิตของผู้คนมากมาย รวมทั้งการเพิ่มมาตรฐานคุณภาพด้วยการตรวจสอบอย่างเคร่งครัด และ พัฒนาต่อยอดเพื่อให้ผลิตภัณฑ์เหล่านี้ ตอบความต้องการสูงสุดของลูกค้าได้

ผลิตภัณฑ์ของเรา

- Building Wire and Cable
- Low voltage Power Cable
- Medium and High Voltage Power Cable
- Control Cable and Instrument Cable
- Bare Conductors
- Special cable
 - Low Smoke & Halogen Free cable
 - Fire Resistant Cable
 - Flame Retardant Cable
 - Vermin Proof Cable
 - Armoured Cable





ผลิตภัณฑ์คุณภาพ

บริษัทได้ผลิตสายไฟฟ้าที่มีคุณภาพสูงโดยใช้วัตถุดิบที่มีคุณภาพ เพื่อให้เกิดผลิตภัณฑ์ที่มีคุณภาพสูง และจ่ายกระแสไฟฟ้าได้อย่างเต็มประสิทธิภาพ โดยเฉพาะวัตถุดิบหลักของสายไฟฟ้าคือตัวนำไฟฟ้า (Conductor) ซึ่งทางบริษัทฯ ได้ใช้ทองแดงที่มีความบริสุทธิ์ 99.99% ซึ่งเป็นทองแดงใหม่มาใช้ผสมผสานกับเทคโนโลยีการผลิตที่ทันสมัยทำให้ได้ตัวนำที่มีคุณภาพโดยผลที่ได้คือ มีความนำไฟฟ้าเป็นไปตามมาตรฐาน และไม่ให้เกิดความต้านทานสูง วัตถุดิบ PVC ทางบริษัทฯ ใช้ PVC ใหม่และปราศจากการเจือปน

ทำให้ฉนวนที่ได้นั้นมีคุณภาพ และทำให้สายไฟฟ้าสามารถจ่ายกระแสไฟฟ้าได้เต็มพิกัดตามมาตรฐาน และกระบวนการผลิตภายในบริษัทนั้นก็ได้มีการตรวจสอบในทุกขั้นตอน เพื่อควบคุมให้เป็นไปตามคุณภาพของบริษัทฯ นอกจากการผลิตที่มีคุณภาพแล้วนั้น การทดสอบนับขั้นตอนที่มีความสำคัญ เพราะเป็นเครื่องชี้วัดคุณภาพของสายไฟฟ้า ทางบริษัทฯ ได้มีเครื่องมือทดสอบที่ได้มาตรฐาน และการรับรองตามมาตรฐานสากล ทำให้เป็นการการันตีได้ว่าสายไฟฟ้าที่ทางบริษัทได้ผลิตส่งออกไปยังลูกค้า นั้น ได้คุณภาพแน่นอน

CERTIFICATES

Thai Industrial Standard Institute



TIS 11-2553
TIS 11 part 101-2559
TIS 85-2548
TIS 293-2541
TIS 2202-2547



TIS 64-2517
TIS 118-2522
TIS 2143-2546
TIS 386-2531
TIS 2341-2555
TIS 838-2531

MASCI



ISO 9001
OHSAS 18001
TIS 18001

TUV



Flame Retardant with Low Smoke and Zero Halogen Cable
Fire Resistant, Flame Retardant with Low Smoke and Zero Halogen Cable

BUREAU VERITAS



ISO 14001



BUILDING WIRES AND CABLES

60227 IEC 01 THW or YK60227 IEC 01 THW	2
60227 IEC 02 THW (f)	3
60227 IEC 05 IV	4
60227 IEC 06 IV (f)	5
THWA	6
60227 IEC 10	7
60227 IEC 53	8
VAF	9
VAF-G	10
YK NYY OR NYY	11
NYY-G	12
VCT	13
VCT-G	14

LOW VOLTAGE POWER CABLES

FD-0.6/1KV-CV or YK FD-0.6/1KV-CV	16
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CONTROL CABLE

CVV	18
CVV-S	19

MEDIUM VOLTAGE POWER CABLES

1.8/3KV-CV	22
3.6/6KV-CV	23
6/10KV-CV	24
8.7/15KV-CV	25
12/20KV-CV	26
18/30KV-CV	27

BHIGH-VOLTAGE POWER CABLES

69KV-CE-CWS	30
115KV-CE-CWS	31

**FIRE RESISTANCE AND FLAME RETARDANT
LOW SMOKE HALOGEN FREE CABLES**

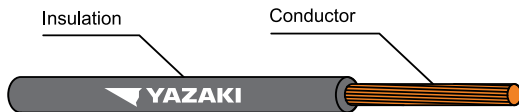
0.6/1 KV-FRLH-IE	34
FDLH-0.6/1KV-CE	35
FDLH-0.6/1KV-CE-AWA	36
FDLH-0.6/1KV-CE-SWA	37
FS/LH-0.6/1KV-XLPE(C)	38
FS/FDLH-0.6/1KV-CE	39
FS/FDLH-0.6/1KV-CE-SWA	40
FDLH-0.6/1KV-CCE	41
FDLH-0.6/1KV-CCE-S (4800)	42
FS/FDLH-0.6/1KV-CE-AWA	43
FS/FDLH-0.6/1KV-CCE	44
FS/FDLH-0.6/1KV-CCE-S (4800)	45
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BUILDING WIRES AND CABLES

60227 IEC 01 THW or YK60227 IEC 01 THW

450/750V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED, SINGLE CORE



TIS 11 Part 3-2553

CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire

Insulation : Polyvinyl chloride (PVC/C)

Core identification : Black
(Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 450/750 Volts

Rated voltage : 450 Volts between Line to Earth
: 750 Volts between Line to Line

AC Testing voltage : 2,500 volts

Reference standard : TIS 11 Part 3-2553 Table 1

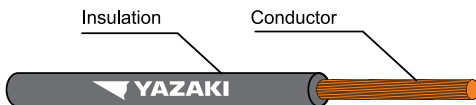
APPLICATION

Building wiring for installation on insulator on in raceway dry location

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	16.40
2.5	25.00
4	39.43
6	64.62
10	106.18
16	168.77
25	265.54
35	357.86
50	471.43
70	671.43
95	927.86
120	1,173.91
150	1,453.00
185	1,817.14
240	2,398.77
300	2,977.86
400	3,807.91

60227 IEC 02 THW (f)

450/750V 70°C FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



TIS 11 Part 3-2553

CABLE STRUCTURE

Conductor : Flexible annealed copper wire
Insulation : Polyvinyl chloride (PVC/C)
Core identification : Black
 (Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
 : Circuit voltage not exceeding 450/750 Volts
Rated voltage : 450 Volts between Line to Earth
 : 750 Volts between Line to Line
AC Testing voltage : 2,500 volts
Reference standard : TIS 11 Part 3-2553 Table 3

APPLICATION

Building wiring for installation on insulator on in raceway dry location

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	19.00
2.5	28.80
4	43.16
6	74.60
10	119.51
16	171.39
25	259.81

Size (mm ²)	Baht/m. (บาท/เมตร)
	2-CORES
1.5	ติดตั้งฝ้ายขาย
2.5	ติดตั้งฝ้ายขาย
4	ติดตั้งฝ้ายขาย

60227 IEC 05 IV

300/500 V 70°C SOLID CONDUCTOR PVC INSULATED, SINGLE CORE



TIS 11 Part 3-2553

CABLE STRUCTURE

Conductor : Solid annealed copper wire

Insulation : Polyvinyl chloride (PVC/C)

Core identification : Black
(Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 300/500 Volts

Rated voltage : 300 Volts between Line to Earth
: 500 Volts between Line to Line

AC Testing voltage : 2,000 volts

Reference standard : TIS 11 Part 3-2553 Table 5

APPLICATION

Building wiring for installation on insulator on in raceway dry location

Size (mm ²)	Baht/m. (บาท/เมตร)
0.5	ติดตั้งสายตายาว
1	11.60

60227 IEC 06 IV (f)

300/500 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



TIS 11 Part 3-2553

CABLE STRUCTURE

Conductor : Flexible annealed copper wire
Insulation : Polyvinyl chloride (PVC/C)
Core identification : Black
 (Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
 : Circuit voltage not exceeding 300/500 Volts
Rated voltage : 300 Volts between Line to Earth
 : 500 Volts between Line to Line
AC Testing voltage : 2,000 volts
Reference standard : TIS 11 Part 3-2553 Table 7

APPLICATION

Building wiring for installation on insulator on in raceway dry location

Size (mm ²)	Baht/m. (บาท/เมตร)
0.5	9.80
0.75	12.00
1	14.60

THWA

750V 70°C ALUMINIUM CONDUCTOR PVC INSULATED, SINGLE CORE



 TIS 293-2541

CABLE STRUCTURE

Conductor : Solid or Stranded hard drawn aluminium wires

Insulation : Black polyvinyl chloride (PVC)

TECHNICAL DATA

Classification : Maximum conductor temperature 70 °C
: Circuit voltage not exceeding 750 Volts

AC Testing voltage : 2,500 Volts

Reference standard : TIS 293-2541, Table 1

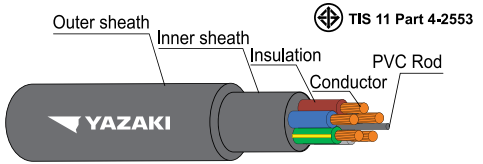
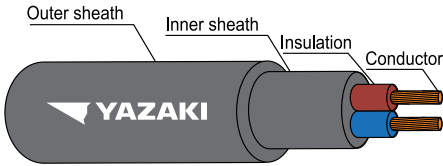
APPLICATION

For low voltage overhead distribution line

Size (mm ²)	Baht/m. (บาท/เมตร)
10	ติดตั้งฝ่ายขาย
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	

60227 IEC 10

300/500 V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED AND DOUBLE SHEATHED



CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire
: Multi-core : Size 1.5mm² up to 35 mm²

Insulation : Polyvinyl chloride (PVC/C)

Core identification :

- 2 Cores + G : Blue, Brown + Green/Yellow
- 3 Cores + G : Brown, Black, Grey + Green/Yellow
- 4 Cores + G : Blue, Brown, Black, Grey + Green/Yellow

Inner sheath : Black polyvinyl chloride (PVC)

sheath : Black polyvinyl chloride (PVC/ST4)

APPLICATION

For installation exposed, or in raceway, wet of dry location

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 300/500 Volts

Rated voltage : 300 Volts between Line to Earth
: 500 Volts between Line to Line

AC Testing voltage : 2,000 volts

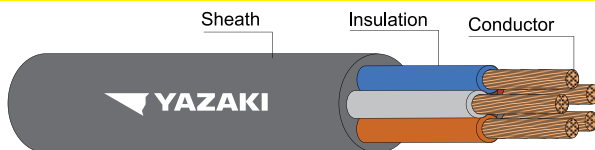
Reference standard : TIS 11 Part 4-2553 Table 1

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5	96.20	109.80	126.60
2.5	115.20	134.80	157.60
4	163.00	193.90	233.20
6	225.80	280.00	341.00
10	319.60	410.00	520.40
16	452.40	602.00	784.60
25	665.20	920.20	1,180.80
35	882.20	1,244.60	1,718.00

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5/1.5	109.80	126.60	178.60
2.5/2.5	134.80	157.60	247.39
4/4	193.90	233.20	365.60
6/6	280.00	341.00	534.40
10/10	410.00	520.40	815.00
16/16	602.00	784.60	1,216.00

60227 IEC 53

300/500 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, ROUND TYPE



TIS 11 Part 5-2553

CABLE STRUCTURE

Conductor : Flexible annealed copper wire

Insulation : Polyvinyl chloride (PVC/D)

Core identification :

2 Cores + G : Blue, Brown + Green/Yellow

3 Cores + G : Brown, Black, Grey + Green/Yellow

4 Cores + G : Blue, Brown, Black, Grey + Green/Yellow

Sheath : Black polyvinyl chloride (PVC/ST5)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 300/500 Volts

Rated voltage : 300 Volts between Line to Earth
: 500 Volts between Line to Line

AC Testing voltage : 2,000 volts

Reference standard : TIS 11 Part 5-2553 Table 9

APPLICATION

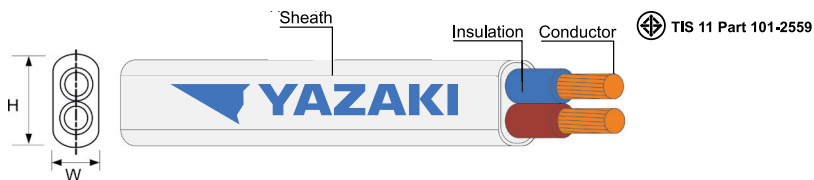
For home appliances, electrical and illumination.

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
0.75	44.60	55.80	74.20
1	52.20	70.80	88.20
1.5	69.20	87.80	113.60
2.5	111.40	158.80	177.40

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
0.75/0.75	ติดต่อฝ่ายขาย	ติดต่อฝ่ายขาย	ติดต่อฝ่ายขาย
1/1	70.80	88.20	128.00
1.5/1.5	87.80	113.60	159.00
2.5/2.5	158.80	177.40	232.00

VAF

300/500 V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE



CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire

Insulation : Polyvinyl chloride (PVC/C)

Core identification : Blue, Brown

Sheath : White polyvinyl chloride (PVC/ST4)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 300/500 Volts

Rated voltage : 300 Volts between Line to Earth
: 500 Volts between Line to Line

AC Testing voltage : 2,000 volts

Reference standard : TIS 11 Part 101-2559 Table 1

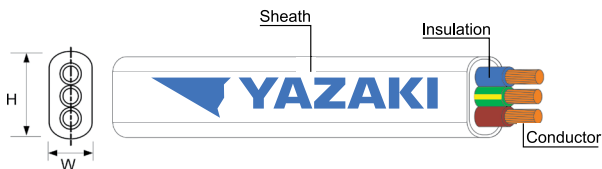
APPLICATION

Building wiring for surface or above ceiling wiring or direct embed in plaster.

Size (mm ²)	Baht/m. (บาท/เมตร)
1	11.60
1.5	16.75
2.5	27.05
4	41.90
6	66.70
10	107.85
16	167.15

VAF-G

300/500 V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED AND SHEATH WITH GROUND, FLAT TYPE



 TIS 11 Part 101-2559

CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire

Insulation : Polyvinyl chloride (PVC/C)

Core identification : Blue, Brown + Green/Yellow

Sheath : White polyvinyl chloride (PVC/ST4)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 300/500 Volts

Rated voltage : 300 Volts between Line to Earth
: 500 Volts between Line to Line

AC Testing voltage : 2,000 volts

Reference standard : TIS 11 Part 101-2559 Table 1

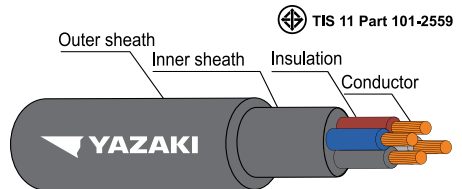
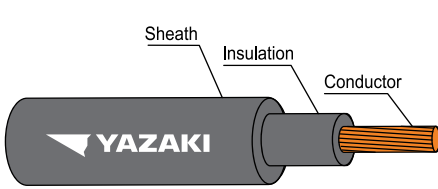
APPLICATION

Building wiring for surface of above ceiling wiring or direct embeded in plaster.

Size (mm ²)	Baht/m. (บาท/เมตร)
1/1	49.20
1.5/1.5	64.40
2.5/2.5	90.00
4/4	141.80
6/6	214.60
10/10	318.00
16/16	495.60

NYY or YK NYY

450/750 V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED AND SHEATHED, SINGLE CORE



CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire
: Single core : Size 1 mm² up to 500 mm²
: Multi core : Size 50 mm² up to 300 mm²

Insulation : Polyvinyl chloride (PVC/C)

Core identification : Single Core : Black
2 Cores : Blue, Brown
3 Cores : Brown, Black, Grey
4 Cores : Blue, Brown, Black, Grey

Inner Sheath (multi core) : Black polyvinyl Chloride (PVC)

Sheath or Other Sheath : Black polyvinyl Chloride (PVC/ST4)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 450/750 Volts

Rated voltage : 450 Volts between Line to Earth
: 750 Volts between Line to Line

AC Testing voltage : 2,500 volts

Reference standard : TIS 11 Part 101-2559 Table 3 and Table 4

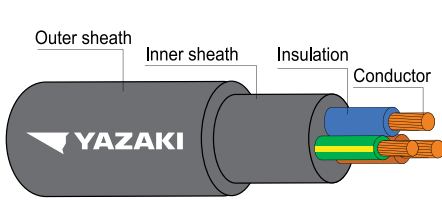
APPLICATION

For installation exposed, or in raceway, wet of dry location or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1	45.00	90.19	102.06	116.20
1.5	50.00	100.91	115.19	132.80
2.5	58.40	120.61	141.14	165.00
4	78.80	170.66	203.01	244.16
6	117.60	235.96	292.60	356.34
10	141.00	332.70	426.81	541.74
16	197.60	467.31	621.86	810.50
25	289.20	685.81	948.71	1,217.40
35	392.00	908.66	1,281.94	1,769.54
50	519.40	1,260.60	1,749.40	2,230.00
70	705.60	1,782.00	2,367.40	3,100.00
95	948.00	2,400.00	3,313.80	4,310.00
120	1,216.00	2,980.00	4,184.00	5,452.00
150	1,492.00	3,660.00	5,092.00	6,676.00
185	1,856.00	4,576.00	6,340.00	8,378.00
240	2,418.00	5,984.00	8,290.00	11,038.00
300	3,014.00	7,448.00	10,272.00	13,700.00
400	3,856.00			
500	5,054.00			

NYG

450/750 V 70°C SOLID OR STRANDED CONDUCTOR PVC INSULATED AND DOUBLE SHEATH WITH GROUND



CABLE STRUCTURE

Conductor : Solid or stranded annealed copper wire
: Size 1 mm² up to 300 mm² for phase wires
: Size 1 mm² up to 150 mm² for ground wires

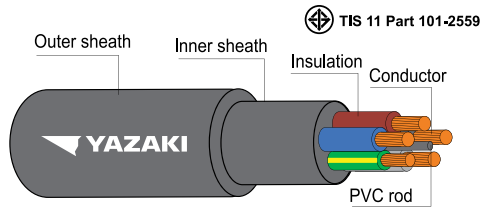
Insulation : Polyvinyl chloride (PVC/C)

Core identification :

- 2 Cores+Ground : Blue, Brown+Green/Yellow
- 3 Cores+Ground : Brown, Black, Grey+Green/Yellow
- 4 Cores+Ground : Blue, Brown, Black, Grey+Green/Yellow

Inner sheath : Black polyvinyl chloride (PVC)

Outer sheath : Black polyvinyl Chloride (PVC/ST4)



TIS 11 Part 101-2559

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 450/750 Volts

Rated voltage : 450 Volts between Line to Earth
: 750 Volts between Line to Line

AC Testing voltage : 2,500 volts

Reference standard TIS 11 Part 101-2559 Table 5

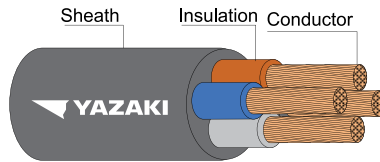
APPLICATION

For installation exposed, or in raceway, wet of dry location or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1/1	102.06	116.20	165.11
1.5/1.5	115.19	132.80	186.64
2.5/2.5	141.14	165.00	257.76
4/4	203.01	244.16	380.59
6/6	292.60	356.34	555.79
10/10	426.81	541.74	846.79
16/16	656.50	850.50	1,291.30
25/16	901.49	1,148.00	1,781.80
35/16	1,214.06	1,680.30	2,568.00
50/25	1,747.96	2,190.00	3,310.00
70/35	2,303.24	3,061.56	4,580.00
95/50	3,200.11	4,219.06	6,310.00
120/70	4,026.00	5,376.21	7,870.00
150/95	4,972.29	6,555.44	9,680.00
185/95	6,068.00	8,195.01	12,030.00
240/1210	7,892.00	10,802.21	15,700.00
300/150	9,855.89	13,379.84	19,570.00

VCT

450/750 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, ROUND TYPE



 TIS 11 Part 101-2559

CABLE STRUCTURE

Conductor : Flexible annealed copper wire

Insulation : Polyvinyl chloride (PVC/D)

Core identification :

2 Cores : Blue, Brown

3 Cores : Brown, Black, Grey

4 Cores : Blue, Brown, Black, Grey

Sheath : Black polyvinyl chloride (PVC/ST5)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 450/750 Volts

Rated voltage : 450 Volts between Line to Earth
: 750 Volts between Line to Line

AC Testing voltage : 2,500 volts

Reference standard : TIS 11 Part 101-2559 Table 7

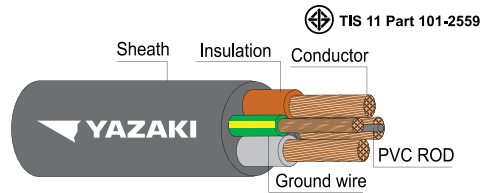
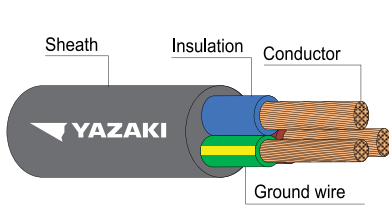
APPLICATION

For mobile-electrical equipment used in mines, factories, farm or household appliances.
This cable is suitable for use in place where cable come in contact with oils.

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1	54.09	73.34	91.39
1.5	71.49	90.70	117.34
2.5	114.90	163.80	182.99
4	159.00	200.80	255.00
6	225.80	293.80	382.40
10	390.60	512.60	671.00
16	560.00	758.00	970.80
25	883.00	1,142.00	1,462.80
35	1,170.20	1,596.00	2,036.00

VCT-G

450/750 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH WITH GROUND, ROUND TYPE



TIS 11 Part 101-2559

CABLE STRUCTURE

Conductor : Flexible annealed copper wire
: Size 1 mm² up to 35 mm² for phase wires
: Size 1 mm² up to 16 mm² for ground wires

Insulation : Polyvinyl chloride (PVC/D)

Core identification :
2 Cores+Ground : Blue, Brown+Green/Yellow
3 Cores : Brown, Black, Grey+Green/Yellow
4 Cores : Blue, Brown, Black, Grey+Green/Yellow

Sheath : Black polyvinyl chloride (PVC/ST5)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C
: Circuit voltage not exceeding 450/750 Volts

Rated voltage : 450 Volts between Line to Earth
: 750 Volts between Line to Line

AC Testing voltage : 2,500 volts

Reference standard : TIS 11 Part 101-2559 Table 8

APPLICATION

For mobile-electrical equipment used in mines, factories, farm or household appliances.
This cable is suitable for use in place where cable come in contact with oils.

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1/1	73.34	91.39	133.60
1.5/1.5	90.70	117.34	165.74
2.5/2.5	163.80	182.99	241.51
4/4	200.80	255.00	353.89
6/6	293.80	382.40	600.90
10/10	512.60	671.00	910.00
16/16	758.00	970.80	1,290.00
25/16	1,110.24	1,441.16	1,880.00
35/16	1,540.66	1,984.29	2,630.00



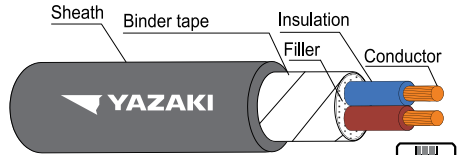
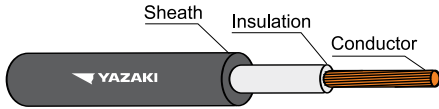
LOW VOLTAGE POWER CABLES

FD-0.6/1KV-CV or YK FD-0.6/1KV-CV

0.6/1kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED FLAME RETARDANT POWER CABLE

IEC 60502-1

TIS 2143 PART 1-2567



CABLE STRUCTURE

Conductor : Non-compacted and compacted stranded annealed copper wire
 : Single Core : Size 1.5 mm² up to 1000 mm²
 : Multi core : Size 1.5 mm² up to 400 mm²

Insulation : Cross-Linked polyethylene (XLPE)

Core identification :
 Single Core : Natural (Translucent)
 2 Cores : Blue, Brown
 3 Cores : Brown, Black, Grey
 4 Cores : Blue, Brown, Black, Grey

Sheath : Black flame retardant polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth
 : 1,000 Volts between Line to Line

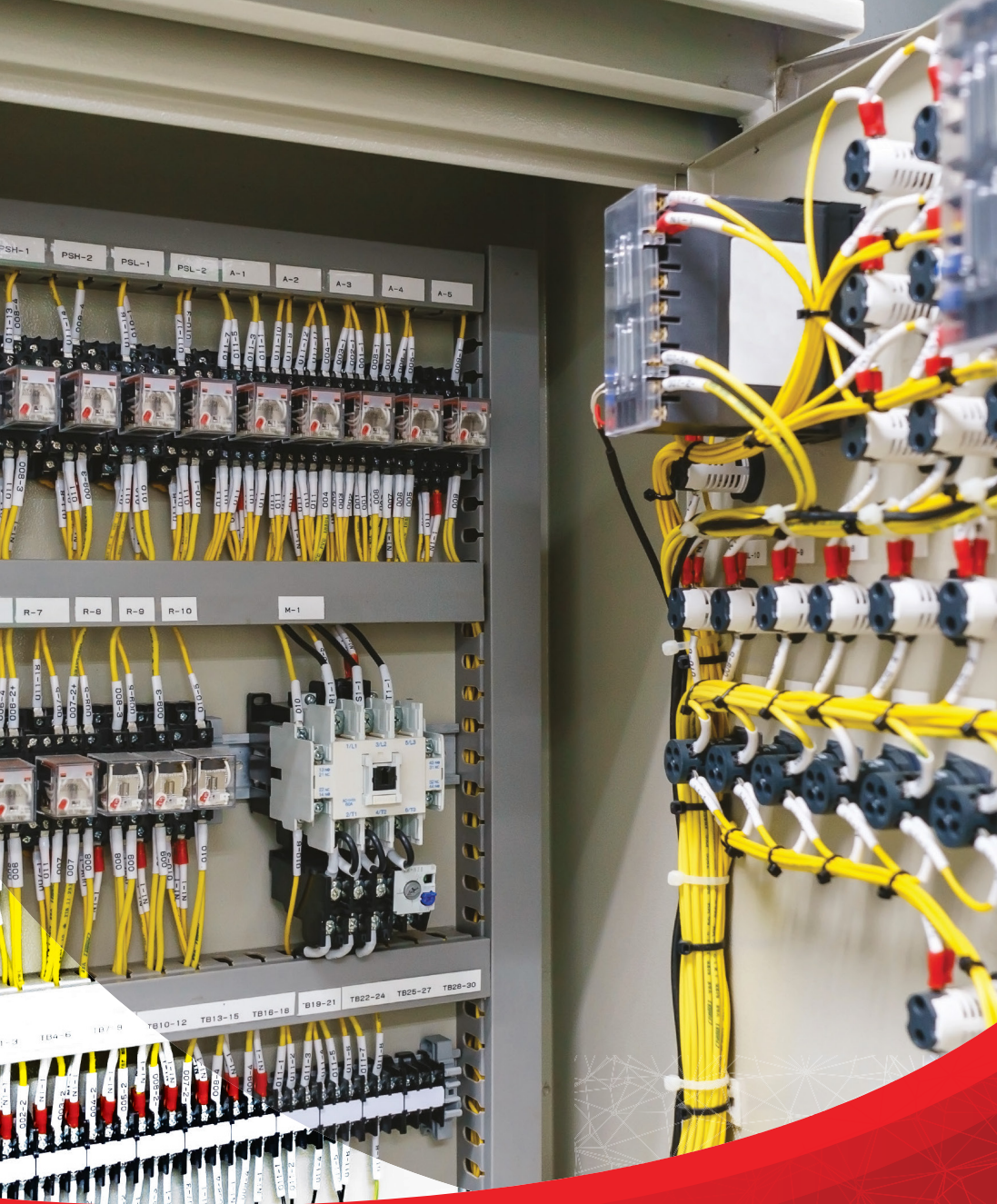
AC Testing voltage : 3,500 Volts

Reference standard : IEC 60502-1, IEC 60228, IEC 60332-1,
 IEC 60332-3-24; Category C,
 TIS 2143 PART 1-2567

APPLICATION

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

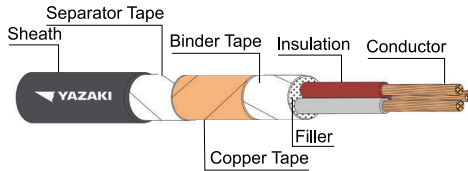
Size (mm ²)	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1.5	ติดตั้งผ่ายขาย			
2.5	52.59	119.09	148.90	183.79
4	66.36	150.84	194.10	241.99
6	93.63	212.68	276.60	346.88
10	123.69	272.35	374.49	508.40
16	184.22	420.75	573.14	750.55
25	278.82	654.35	887.28	1,160.11
35	375.76	820.24	1,115.70	1,460.74
50	484.00	1,093.91	1,502.59	1,991.74
70	708.73	1,517.51	2,121.64	2,804.11
95	977.87	2,090.90	2,902.90	3,863.64
120	1,239.94	2,635.70	3,694.54	4,912.29
150	1,525.66	3,235.54	4,545.46	6,053.71
185	1,908.00	4,020.60	5,705.46	7,621.00
240	2,518.71	5,257.20	7,448.56	9,979.41
300	3,126.76	6,590.30	9,329.20	13,023.74
400	4,028.33	8,387.61	12,164.94	16,432.99
500	5,149.34			
630	6,584.36			
800	8,257.74			
1000	10,885.69			



CONTROL CABLES

CVV

600 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH CONTROL CABLE



CABLE STRUCTURE

- Conductor** : Flexible annealed copper
- Insulation** : Polyvinyl chloride (PVC)
- Core identification**
- 2 Cores** : Blue and Brown
 - 3 Cores** : Brown, Black, Grey
 - 4 Cores** : Blue, Brown, Black, Grey
 - More than 4 Cores** : Black with marking numbers, colored white, printed continuously throughout the whole length of insulated wires for the purpose of core identification.
- Filler** : Non-hygroscopic material
- Binder tape and Separator tape** : Non-hygroscopic tape
- Sheath** : Black polyvinyl chloride (PVC)

TECHNICAL DATA

- Classification** : Maximum conductor temperature 70°C
: Circuit voltage no exceeding 600 Volts
- AC Testing voltage** : 2,000 Volts
- Reference standard** : THAI YAZAKI STANDARD

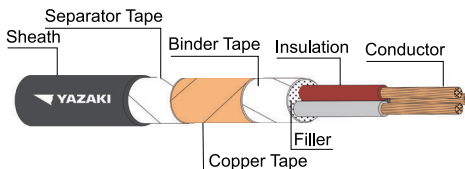
APPLICATION

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in the dry or wet cable trenches.

No. of Cores	Baht/m. (บาท/เมตร)				
	Size (mm ²)				
	0.75	1	1.5	2.5	4
2 C	68.60	73.00	80.60	109.00	149.60
3 C	76.20	83.80	98.60	137.60	188.60
4 C	95.60	98.80	119.60	170.60	251.20
5 C	116.60	130.00	152.40	218.40	305.00
6 C	131.10	153.50	184.50	271.00	381.40
7 C	137.60	157.00	188.60	275.60	397.80
8 C	201.43	210.70	255.70	361.60	502.10
9 C	206.43	212.40	258.80	367.60	526.40
10 C	211.43	228.80	280.80	403.60	580.00
11 C	216.60	255.00	314.90	465.00	672.20
12 C	219.80	257.20	317.00	466.40	684.40
13 C	241.70	279.10	350.90	520.80	766.30
14 C	243.60	281.00	352.80	523.20	772.20
15 C	258.60	305.40	388.40	580.10	878.00
16 C	261.60	307.80	390.00	585.00	891.80
17 C	288.74	332.40	430.46	623.94	945.46
18 C	293.74	346.40	444.26	677.54	1006.86
19 C	297.40	351.60	449.00	683.80	1034.80
20 C	333.20	393.70	494.40	750.70	1135.40
21 C	335.40	397.80	501.80	759.20	1144.00
22 C	362.74	431.26	542.54	839.06	1240.26
23 C	367.74	437.66	557.54	862.66	1271.66
24 C	371.80	439.40	561.60	878.80	1294.80
25 C	400.86	470.00	603.46	948.80	1390.66
26 C	409.86	474.40	618.46	960.40	1424.06
27 C	413.40	478.40	624.80	968.80	1444.40
28 C	438.14	510.74	665.26	1040.34	1539.34
29 C	439.14	518.14	680.26	1055.94	1578.74
30 C	442.00	523.40	683.80	1063.40	1591.20

CVV-S

600 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH WITH SHIELD CONTROL CABLE



CABLE STRUCTURE

Conductor : Flexible annealed copper

Insulation : Polyvinyl chloride (PVC)

Core identification 2 Cores : Blue and Brown

3 Cores : Brown, Black, Grey

4 Cores : Blue, Brown, Black, Grey

More than 4 Cores :

Black with marking numbers, colored white, printed continuously throughout the whole length of insulated wires for the purpose of core identification.

Filler : Non-hygroscopic material

Binder tape and Separator tape : Non-hygroscopic tape

Shield (for CVV-S cable) : Copper tape

Sheath : Black polyvinyl chloride (PVC)

TECHNICAL DATA

Classification : Maximum conductor temperature 70°C

: Circuit voltage no exceeding 600 Volts

AC Testing voltage : 2,000 Volts

Reference standard : THAI YAZAKI STANDARD

APPLICATION

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in the dry or wet cable trenches.

No. of Cores	Baht/m. (บาท/เมตร)				
	Size (mm ²)				
	0.75	1	1.5	2.5	4
2 C	125.60	131.30	146.40	182.60	242.40
3 C	137.60	149.60	167.40	218.00	291.20
4 C	161.20	170.60	197.60	260.00	352.80
5 C	188.60	203.40	233.20	317.20	418.60
6 C	207.50	231.30	272.30	373.70	501.90
7 C	218.40	239.20	283.40	382.20	525.20
8 C	253.10	287.50	333.30	450.30	628.90
9 C	267.80	295.80	343.20	478.40	652.60
10 C	293.80	319.80	374.40	522.60	733.20
11 C	307.50	338.10	406.50	562.50	793.50
12 C	317.20	348.40	418.60	582.40	813.80
13 C	342.80	379.20	447.40	633.60	912.70
14 C	348.40	390.00	460.20	644.80	951.60
15 C	365.40	417.90	495.90	709.80	1038.80
16 C	374.40	423.80	509.60	722.80	1066.00
17 C	396.34	448.00	541.46	765.20	1115.34
18 C	405.34	466.00	557.26	810.80	1160.74
19 C	418.60	478.40	566.80	832.00	1196.00
20 C	440.90	502.90	601.80	907.80	1304.00
21 C	457.60	517.40	618.80	941.20	1352.00
22 C	480.14	545.80	656.46	1011.06	1463.00
23 C	491.14	558.20	673.46	1040.66	1484.40
24 C	509.60	579.80	699.40	1060.80	1547.00
25 C	528.40	605.00	732.74	1114.60	1632.40
26 C	541.40	617.40	749.74	1138.20	1663.80
27 C	556.40	626.60	767.00	1162.20	1695.20
28 C	572.86	647.54	813.54	1230.86	1790.06
29 C	581.86	662.94	830.54	1248.46	1829.46
30 C	590.20	678.60	850.20	1266.20	1853.80

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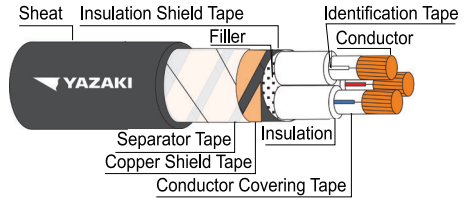
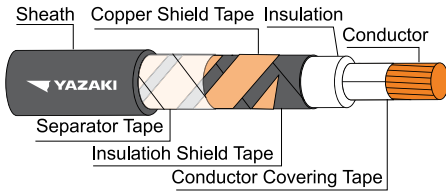


MEDIUM VOLTAGE POWER CABLES

1.8/3KV-CV

1.8/3(3.6)kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE

IEC 60502-1



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive tape

Insulation color : Natural (Translucent)

Filler : Non-hygroscopic material

Core identification :

Single Core : Natural (Translucent)

3 Cores : White, Red, Blue

Shield : Copper tape

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 3,600 Volts

Rated voltage : 1,800 Volts between Line to Earth
: 3,000 Volts between Line to Line

AC Testing voltage : 6,500 Volts

Reference standard : IEC 60502-1, IEC 60228, IEC 60332-1,

APPLICATION

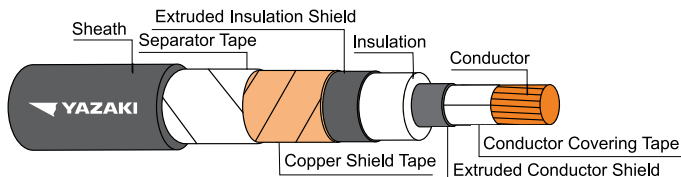
For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
10	253.40	673.20
16	322.00	887.00
25	420.00	1,185.40
35	514.80	1,481.00
50	641.60	1,911.40
70	850.00	2,536.00
95	1,106.00	3,338.00
120	1,372.00	4,150.00
150	1,652.00	5,028.00
185	2,024.00	6,188.00
240	2,596.00	7,940.00
300	3,196.00	9,808.00
400	4,008.00	12,304.00
500		

3.6/6KV-CV

3.6/6(7.2)kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE

IEC 60502-2



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire
: Single Core : Size 10 mm² up to 1000 mm²
: Multi-core : Size 10 10 mm² up to 400 mm²

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Core identification :

Single Core : Natural (Translucent)
3 Cores : White, Red, Blue

Shield : Copper tape

Filler : Non-hygroscopic material

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 7,200 Volts

Rated voltage : 3,600 Volts between Line to Earth
: 6,000 Volts between Line to Line

AC Testing voltage : 12,500 Volts

Reference standard : IEC 60502-2, IEC 60228, IEC 60332-1

Remark : *Insulation shield shall be applied semi-conductive tape (for size < 25 mm²)

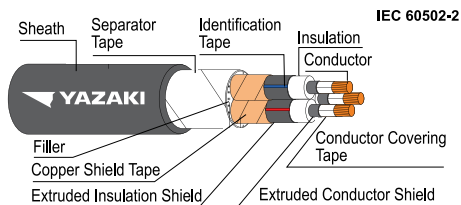
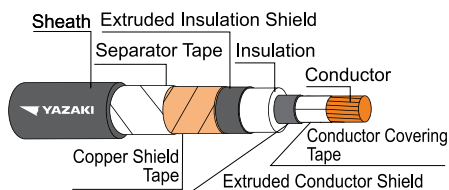
APPLICATION

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
10	ติดตั้งฝ่ายขาย	ติดตั้งฝ่ายขาย
16	396.00	1,216.00
25	490.00	1,532.00
35	598.00	1,854.00
50	730.00	2,312.00
70	930.00	2,936.00
95	1,182.00	3,746.00
120	1,436.00	4,552.00
150	1,732.00	5,370.00
185	2,114.00	6,436.00
240	2,718.00	8,236.00
300	3,344.00	10,120.00
400	4,194.00	12,932.00
500	5,306.00	

6/10KV-CV

6/10(12)kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire
 : Single Core : Size 16 mm² up to 1000 mm²
 : Multi-core : Size 16 mm² up to 400 mm²

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Core identification :

Single Core : Natural (Translucent)
 3 Cores : White, Red, Blue

Shield : Copper tape

Filler : Non-hygroscopic material

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 12,000 Volts

Rated voltage : 6,000 Volts between Line to Earth
 : 10,000 Volts between Line to Line

AC Testing voltage : 21,000 Volts

Reference standard : IEC 60502-2, IEC 60228, IEC 60332-1

APPLICATION

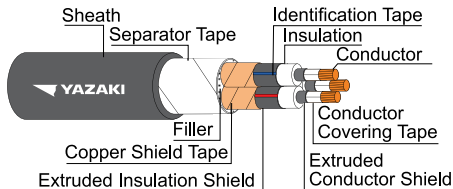
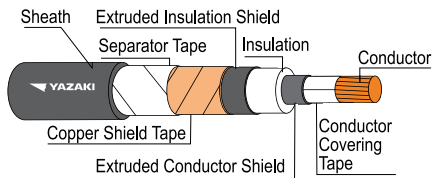
For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
16	492.00	1,524.00
25	592.00	1,858.00
35	702.00	2,204.00
50	846.00	2,668.00
70	1,056.00	3,352.00
95	1,318.00	4,204.00
120	1,578.00	5,002.00
150	1,854.00	5,830.00
185	2,238.00	7,090.00
240	2,856.00	9,006.00
300	3,494.00	10,980.00
400	4,374.00	13,694.00

8.7/15KV-CV

8.7/15(17.5) kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE

IEC 60502-2



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire
 : Single Core : Size 25 mm² up to 1000 mm²
 : Multi-core : Size 25 mm² up to 400 mm²

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Core identification :

Single Core : Natural (Translucent)
 3 Cores : White, Red, Blue

Shield : Copper tape

Filler : Non-hygroscopic material

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 17,500 Volts

Rated voltage : 8,700 Volts between Line to Earth
 : 15,000 Volts between Line to Line

AC Testing voltage : 30,500 Volts

Reference standard : IEC 60502-2, IEC 60228, IEC 60332-1

APPLICATION

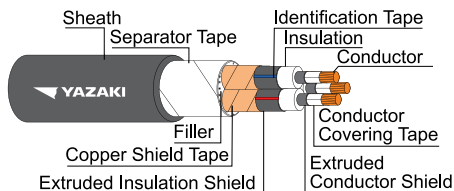
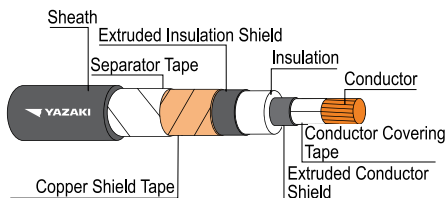
For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
25	676.00	2,158.00
35	794.00	2,516.00
50	934.00	3,024.00
70	1,154.00	3,694.00
95	1,422.00	4,542.00
120	1,688.00	5,590.00
150	1,954.00	6,332.00
185	2,328.00	7,430.00
240	2,956.00	9,298.00
300	3,594.00	11,494.00
400	4,482.00	14,000.00

12/20KV-CV

12/20(24) kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE

IEC 60502-2



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire
 : Single Core : Size 35 mm² up to 1000 mm²
 : Multi-core : Size 35 mm² up to 400 mm²

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Core identification :

Single Core : Natural (Translucent)
 3 Cores : White, Red, Blue

Shield : Copper tape

Filler : Non-hygroscopic material

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 24,000 Volts

Rated voltage : 12,000 Volts between Line to Earth
 : 20,000 Volts between Line to Line

AC Testing voltage : 42,000 Volts

Reference standard : IEC 60502-2, IEC 60228, IEC 60332-1

APPLICATION

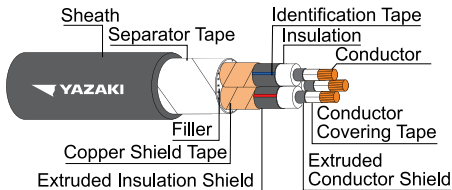
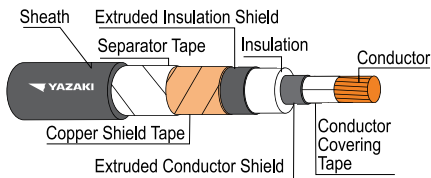
For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
35	876.00	2,816.00
50	1,030.00	3,304.00
70	1,240.00	3,992.00
95	1,514.00	4,948.00
120	1,792.00	5,796.00
150	2,056.00	6,662.00
185	2,418.00	7,876.00
240	3,030.00	10,102.00
300	3,686.00	11,914.00
400	4,574.00	14,448.00

18/30KV-CV

18/30(36) kV 90°C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE

IEC 60502-2



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire
 : Single Core : Size 50 mm² up to 1000 mm²
 : Multi-core : Size 50 mm² up to 300 mm²

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Core identification :

Single Core : Natural (Translucent)
 3 Cores : White, Red, Blue

Shield : Copper tape

Filler : Non-hygroscopic material

Separator tape : Non-hygroscopic tape

Sheath : Black polyvinyl chloride (PVC/ST2)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 36,000 Volts

Rated voltage : 18,000 Volts between Line to Earth
 : 30,000 Volts between Line to Line

AC Testing voltage : 63,000 Volts

Reference standard : IEC 60502-2, IEC 60228, IEC 60332-1

APPLICATION

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
35	ติดต่อฝ่ายขาย	ติดต่อฝ่ายขาย
50	1,266.00	4,194.00
70	1,492.00	5,008.00
95	1,778.00	5,904.00
120	2,052.00	6,820.00
150	2,348.00	7,712.00
185	2,724.00	8,876.00
240	3,312.00	11,146.00
300	3,906.00	13,296.00
400	4,820.00	15,922.00

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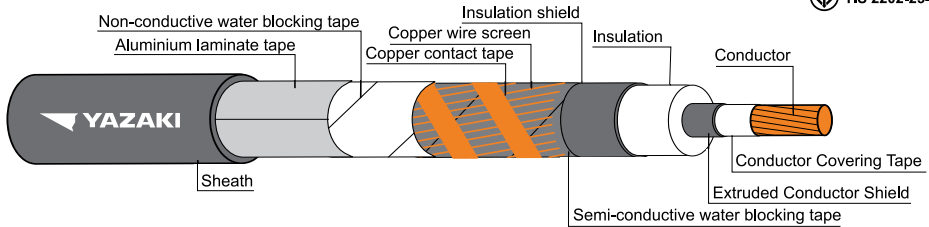


HIGH VOLTAGE POWER CABLES

69KV-CE-CWS

69 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED WITH COPPER WIRE SCREEN AND POLYETHYLENE SHEATHED POWER CABLE

 TIS 2202-2547



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire

Tape on Conductor : Semi-Conductive tape

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive Cross-linked polyethylene compound

Insulation color : Natural (Translucent)

Water blocking tape : Non-conductive water blocking tape

Metallic screen : Copper wire screen with copper contact tape

Synthetic water blocking : Non-conductive water blocking tape and cushioning tape

Radial water barrier : Aluminium laminate tape

Sheath : Black polyethylene (PE/ST7)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C

AC Testing voltage : 90,000 Volts

Reference standard : TIS 2202-2547, TIS 2427-2552, IEC 60228

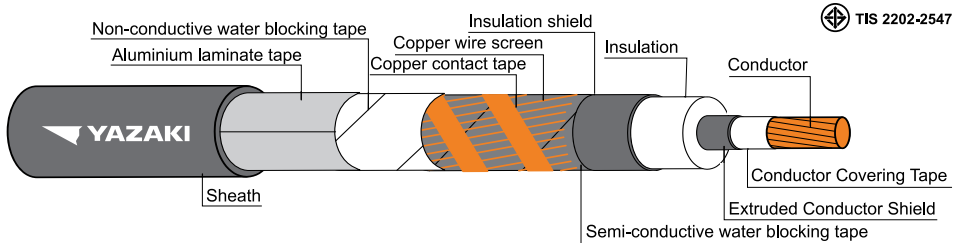
APPLICATION

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)
400/95	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
500/95	
630/95	
800/120	

115KV-CE-CWS

115 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED WITH COPPER WIRE SCREEN AND POLYETHYLENE SHEATHED POWER CABLE



CABLE STRUCTURE

Conductor : Compacted stranded annealed copper wire

Tape on Conductor : Semi-Conductive tape

Conductor shield : Semi-conductive Cross-linked polyethylene compound

Insulation : Cross-Linked polyethylene (XLPE)

Insulation shield : Semi-conductive tape Cross-linked polyethylene compound

Insulation color : Natural (Translucent)

Water blocking tape : Semi-conductive water blocking tape

Metallic screen : Copper wire screen with copper contact tape

Synthetic water blocking : Non-conductive water blocking tape and cushioning tape

Radial water barrier : Aluminium laminate tape

Sheath : Black polyethylene (PE/ST7)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C

AC Testing voltage : 160,000 Volts

Reference standard : TIS 2202-2547, TIS 2427-2552, IEC 60228

APPLICATION

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm ²)	Baht/m. (บาท/เมตร)
400/95	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
500/95	
630/95	
800/120	

NOTE

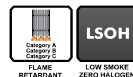
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**FIRE RESISTANCE AND FLAME RETARDANT
LOW SMOKE HALOGEN FREE CABLES**

0.6/1KV-FRLH-IE

600/1000V 90°C CROSS-LINKED POLYETHYLENE INSULATED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper

Insulation : Flame retardant Low smoke & halogen free Cross-linked polyethylene (LSHF-XLPE : EI5)

Insulation color
Single Core : Black or Orange
(Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth
: 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard
Construction : BS EN 50525-3-41
Flame retardant : IEC 60332-1-2
: BS EN IEC 60332-3-22 Category A
: BS EN IEC 60332-3-23 Category B
: BS EN IEC 60332-3-24 Category C

Acid gas emission : BS EN 60754-1, BS EN 60754-2
Smoke emission : BS EN 61034-2
Non-toxic gases : Defence standard 02-713

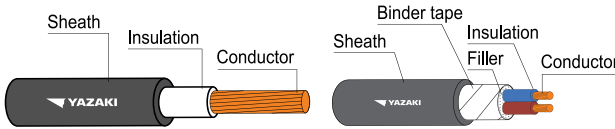
APPLICATION

For fixed installation in electrical cabinet, conduit and wire way which provide flame retardant, low smoke and non toxic emission under fire.

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	

FDLH-0.6/1KV-CE

**0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE**



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper

Insulation : Cross-linked polyethylene (XLPE)

Core identification
 Single Core : Natural (Translucent)
 2 Cores : Blue, Brown
 3 Cores : Brown, Black, Grey
 4 Cores : Blue, Brown, Black, Grey

Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth
Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard
Construction : IEC 60502-1
Flame retardant : IEC 60332-1-2
 : IEC 60332-3-22 Category A
 : IEC 60332-3-23 Category B
 : IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2
Smoke emission : IEC 61034-2
Non-toxic gases : Defence standard 02-713

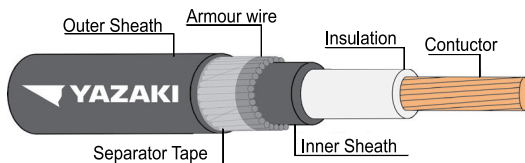
APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Size (mm ²)	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
2.5				
4				
6				
10				
16				
25				
35				
50				
70				
95				
120				
150				
185				
240				
300				
400				
500				
630				
800				
1000				

FDLH-0.6/1KV-CE-AWA

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH ALUMINIUM WIRE ARMORED FLAME RETARDANT, LOW SMOKE AND ZERO HALOGERN POWER CABLE



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper

Insulation : Cross-linked polyethylene (XLPE)

Core identification :

Single Core : Natural (Translucent)

Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

Aarmor : Aluminium wires

Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth
: 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1

Flame retardant : BS EN 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

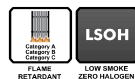
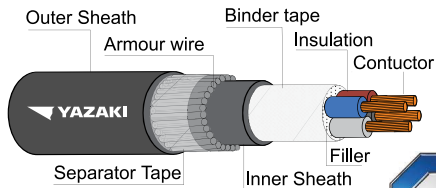
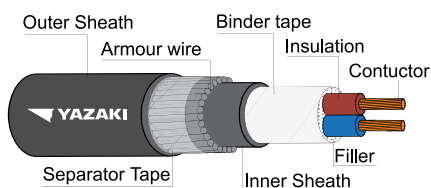
APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	
800	
1000	

FDLH-0.6/1KV-CE-SWA

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH GALVANIZED STEEL WIRE ARMORED FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper

Insulation : Cross-linked polyethylene (XLPE)

Core identification

- 2 Cores : Blue, Brown
- 3 Cores : Brown, Black, Grey
- 4 Cores : Blue, Brown, Black, Grey

Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

Armor : Galvanized steel wires

Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1, BS 6724

Flame retardant : IEC 60332-1-2
IEC 60332-3-22 Category A
IEC 60332-3-23 Category B
IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

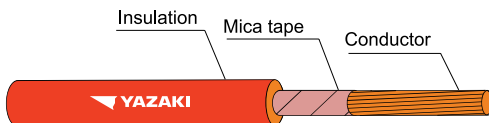
APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย		
2.5			
4			
6			
10			
18			
25			
35			
50			
70			
95			
120			
150			
185			
240			
300			
400			

FS/LH-0.6/1KV-XLPE (C)

**600/1000V 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED FIRE RESISTANT
FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE**



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper

Fire barrier tape : Mica tape

Insulation : Flame retardant Low smoke & halogen free
Cross-linked polyethylene (LSHF-XLPE : EIS)

Insulation color
Single Core : Orange
(Other colors available upon request)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 600/1000 Volts

Rated voltage : 600 Volts between Line to Earth
: 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : BS EN 50525-3-41

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : BS EN 60332-1-2

BS EN IEC 60332-3-22 Category A

BS EN IEC 60332-3-23 Category B

BS EN IEC 60332-3-24 Category C

Acid gas emission : BS EN 60754-1, BS EN 60754-2

Smoke emission : BS EN 61034-2

Non-toxic gases : Defence standard 02-713

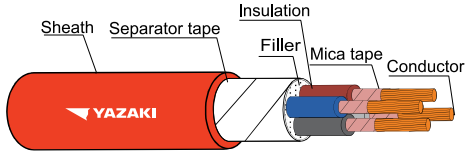
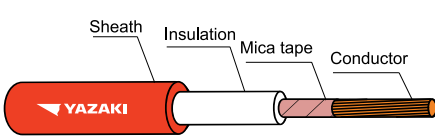
APPLICATION

For fixed installation in electrical cabinet, conduit, trench and tray which provide flame retardant, low smoke & corrosive gases properties and main circuit integrity under fire

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	

FS/FDLH-0.6/1KV-CE

**0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FIRE RESISTANCE FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE**



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper
: Single Core : Size 1.5 mm² up to 1000 mm²
: Multi-core : Size 1.5 mm² up to 400 mm²

Fire barrier tape : Mica tape

Insulation : Cross-linked polyethylene (XLPE)

Core identification

- Single Core : Natural (Translucent)
- 2 Cores : Blue, Brown
- 3 Cores : Brown, Black, Grey
- 4 Cores : Blue, Brown, Black, Grey

Sheath : Orange low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : BS EN 60332-1-2
IEC 60332-3-22 Category A
IEC 60332-3-23 Category B
IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

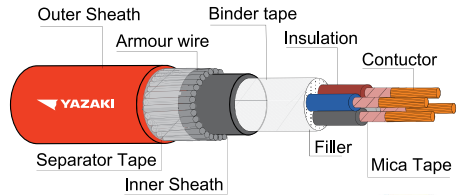
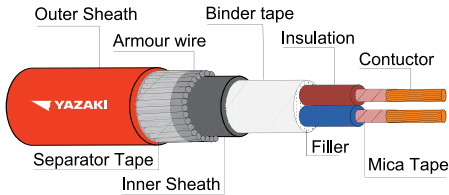
APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Size (mm ²)	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
2.5				
4				
6				
10				
18				
25				
35				
50				
70				
95				
120				
150				
185				
240				
300				
400				
500				
630				
800				
1000				

FS/FDLH-0.6/1KV-CE-SWA

0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH GALVANIZED STEEL WIRE ARMORED FIRE RESISTANT FLAME RETARDANT, LOW SMOKE AND ZERO HALO-GEN POWER CABLE



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper
: Multi-cores : Size 1.5 mm² up to 400 mm²

Fire barrier tape : Mica tape

Insulation : Cross-linked polyethylene (XLPE)

Core identification

- 2 Cores : Blue, Brown
- 3 Cores : Brown, Black, Grey
- 4 Cores : Blue, Brown, Black, Grey

Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

Aarmor : Galvanized steel wires

Sheath : Orange low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1, BS 7846

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : BS EN 60332-1-2
IEC 60332-3-22 Category A
IEC 60332-3-23 Category B
IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

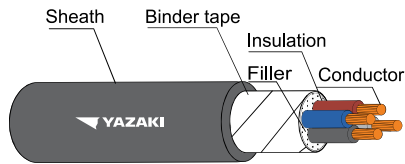
APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Size (mm ²)	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย		
2.5			
4			
6			
10			
18			
25			
35			
50			
70			
95			
120			
150			
185			
240			
300			
400			

FDLH-0.6/1KV-CCE

**0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN CONTROL CABLE**



CABLE STRUCTURE

- Conductor** : Non-compacted stranded annealed copper wire
- Insulation** : Cross-linked polyethylene (XLPE)
- Core identification**
 2 Cores : Blue, Brown
 3 Cores : Brown, Black, Grey
 4 Cores : Blue, Brown, Black, Grey
 More than 4 Cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification
- Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 1,200 Volts
- Rated voltage** : 600 Volts between Line to Earth
Rated voltage : 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference standard**
Construction : IEC 60502-1
Flame retardant : IEC 60332-1-2
 IEC 60332-3-22 Category A
 IEC 60332-3-23 Category B
 IEC 60332-3-24 Category C
- Acid gas emission** : IEC 60754-1, IEC 60754-2
Smoke emission : IEC 61034-2
Non-toxic gases : Defence standard 02-713

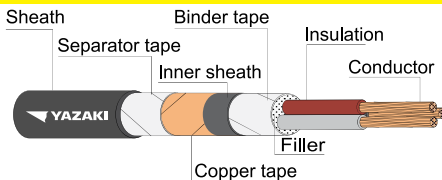
APPLICATION

For installation into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm ²)			
	1.5	2.5	4	6
2	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

FDLH-0.6/1KV-CCE-S (4800)

**0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL CABLE**



CABLE STRUCTURE

Conductor : Non-compacted round annealed copper

Insulation : Cross-linked polyethylene (XLPE)

Core identification

2 Cores : Blue, Brown

3 Cores : Brown, Black, Grey

4 Cores : Blue, Brown, Black, Grey

More than 4 Cores : White with marking numbers, colored black,
printed continuously throughout the whole length of insulated wires for
the propose of core identification

Inner Sheath : Black Low smoke and zero halogen flame retardant
polyolefin (ST8)

Shield : Copper tape

Outer Sheath : Black Low smoke and zero halogen flame retardant
polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1, BS 6724

Flame retardant : IEC 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

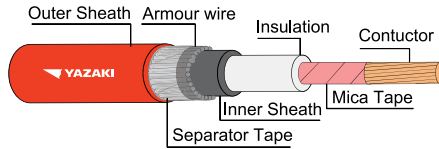
APPLICATION

For installation into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm ²)			
	1.5	2.5	4	6
2	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
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FS/FDLH-0.6/1KV-CE-AWA

0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH ALUMINIUM WIRE ARMORED FIRE RESISTANT FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



CABLE STRUCTURE

Conductor : Non-compacted or compacted round annealed copper
Fire barrier tape : Mica tape
Insulation : Cross-linked polyethylene (XLPE)
Core identification
 Single Core : Natural (Translucent)
Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)
Armor : Aluminium wires
Sheath : Orange low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
 : Circuit voltage not exceeding 1,200 Volts
Rated voltage : 600 Volts between Line to Earth
 : 1,000 Volts between Line to Line
Testing voltage : 3,500 Volts
Reference standard
Construction : IEC 60502-1
Circuit integrity : BS 6387 Category C, W, Z
Flame retardant : BS EN 60332-1-2
 IEC 60332-3-22 Category A
 IEC 60332-3-23 Category B
 IEC 60332-3-24 Category C
Acid gas emission : IEC 60754-1, IEC 60754-2
Smoke emission : IEC 61034-2
Non-toxic gases : Defence standard 02-713

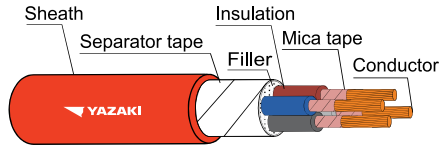
APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Size (mm ²)	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
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FS/FDLH-0.6/1KV-CCE

**0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN CONTROL CABLE**



CABLE STRUCTURE

Conductor : Non-compacted round annealed copper

Fire barrier tape : Mica tape

Insulation : Cross-Linked polyethylene (XLPE)

Core identification

- 2 Cores : Blue, Brown
- 3 Cores : Brown, Black, Grey
- 4 Cores : Blue, Brown, Black, Grey

More than 4 Cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification

Sheath : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : IEC 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

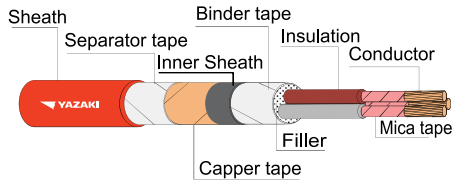
APPLICATION

For installation into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm ²)			
	1.5	2.5	4	6
2	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
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FS/FDLH-0.6/1KV-CCE-S (4800)

**0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL ABLE**



CABLE STRUCTURE

Conductor : Non-compacted round annealed copper

Fire barrier tape : Mica tape

Insulation : Cross-Linked polyethylene (XLPE)

Core identification

2 Cores : Blue, Brown

3 Cores : Brown, Black, Grey

4 Cores : Blue, Brown, Black, Grey

More than 4 Cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification

Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

Shield : Coper tape

Outer Sheath : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : IEC 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

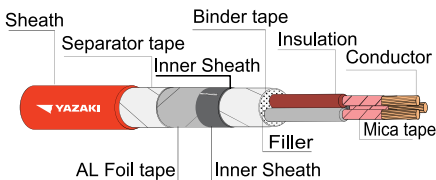
APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm ²)			
	1,5	2,5	4	6
2	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย			
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FS/FDLH-0.6/1KV-CCE-SLA (4800)

**0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED
FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL
CABLE**



CABLE STRUCTURE

Conductor : Non-compacted round annealed copper

Fire barrier tape : Mica tape

Insulation : Cross-Linked polyethylene (XLPE)

Core identification

2 Cores : Blue, Brown

3 Cores : Brown, Black, Grey

4 Cores : Blue, Brown, Black, Grey

More than 4 Cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification

Inner Sheath : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

Shield : Laminated aluminium bonded with polyester tape and drain wire

Outer Sheath : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

TECHNICAL DATA

Classification : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 1,200 Volts

Rated voltage : 600 Volts between Line to Earth

Rated voltage : 1,000 Volts between Line to Line

Testing voltage : 3,500 Volts

Reference standard

Construction : IEC 60502-1

Circuit integrity : BS 6387 Category C, W, Z

Flame retardant : IEC 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

Acid gas emission : IEC 60754-1, IEC 60754-2

Smoke emission : IEC 61034-2

Non-toxic gases : Defence standard 02-713

APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Number of core	Baht/m. (บาท/เมตร)	
	Nominal cross sectional area (mm ²)	
	1.5	2.5
2	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย	
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Website