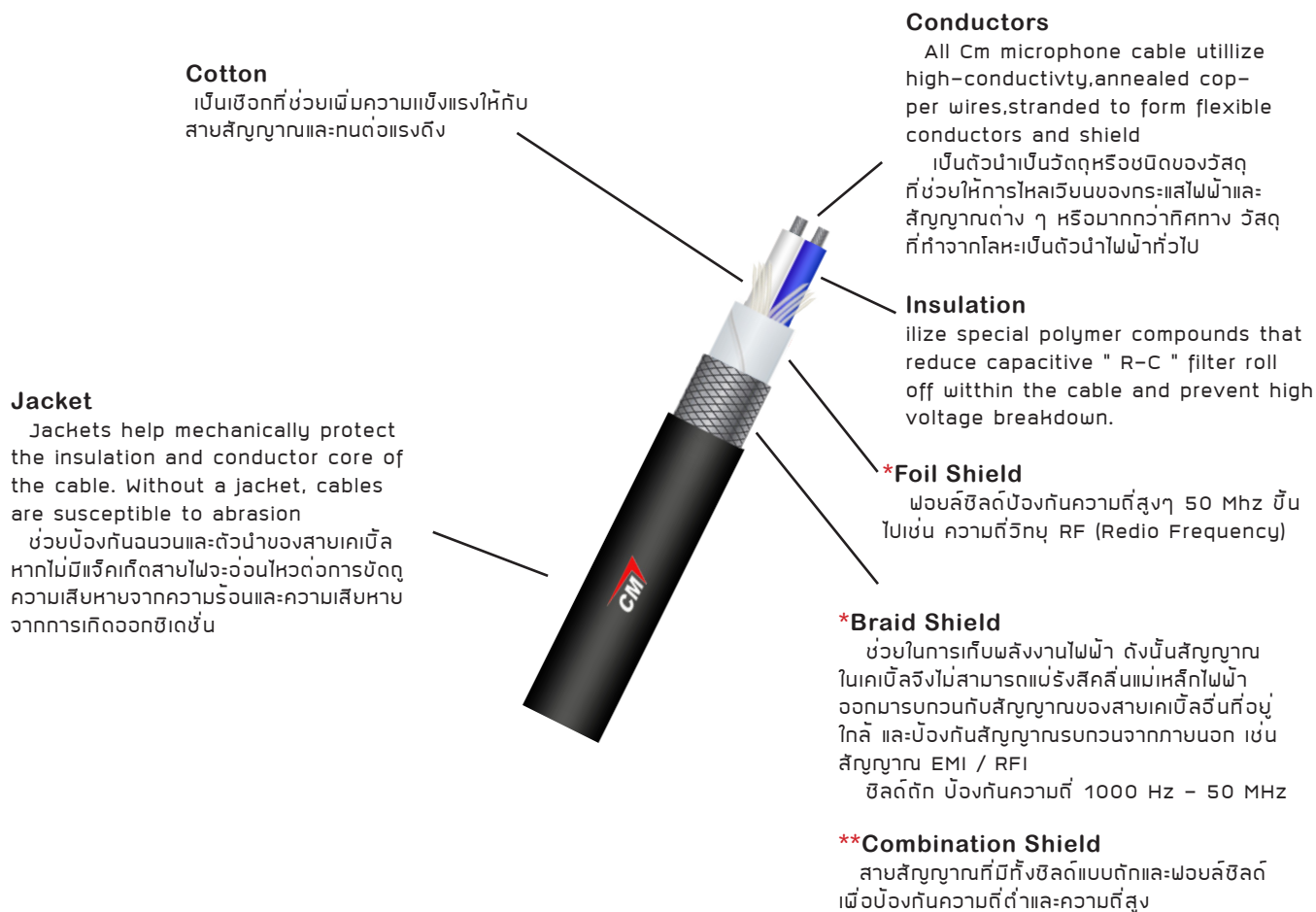




CABLE (สายสัญญาณ)

Cable Structure (องค์ประกอบสาย)



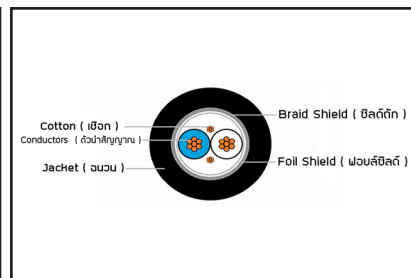
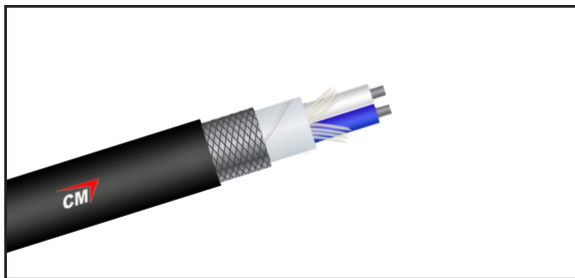
Microphone Cable (สายไมค์)

CM-M2-2324



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-M2-2324GY	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Gray (สีเทา)	34.00
CM-M2-2324YW	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Yellow (สีเหลือง)	34.00
CM-M2-2324RD	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Red (สีแดง)	34.00
CM-M2-2324GN	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Green (สีเขียว)	34.00
CM-M2-2324BE	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Blue (สีน้ำเงิน)	34.00
CM-M2-2324BK	CM : Microphone Cable 2 Core, Stereo 24 AWG Shield Black (สีดำ)	34.00

GENERAL CHARACTERISTICS



Model		CM-M2-2324	
Cable	O.D.	6.0mm±0.15mm	
	Standard reels	100m / 300m / 500m	
	Weight (Hg/100m)	5.35kg/100m	
	Operating temperature	60°C	
Jacket	Material	PVC	
	Nom. Thick.	1.14mm	
	Color	Gray / Yellow / Red	
		Green / Bule / Black	
Braid Shield	Material	Tinned Copper	
	Coverage	95 %	
Foil Shield	Material	Alu-Foil	
	Coverage	125 %	
Conductor	Strand	19x0.12mm	
	Area / AWG	24 AWG	
	Insul. O.D.	1.4mm±0.1mm	
	Material	Tinned copper	
ELECTRICAL CHARACTERISTICS			
Cound D.C.R (Ω/100M)	5.86Ω/100M	CDR/CDR 1 kHz (pF/m)	136pF/m±5pF
Shield (Ω/100M)	5.86Ω/100M	CDR/SDR 1 kHz (pF/m)	149pF/m±5pF
Nominal Impedance 1 kHz (Ω/100m)		33Ω/100m	

Microphone Cable (สายไมค์)

CM-M2-1322



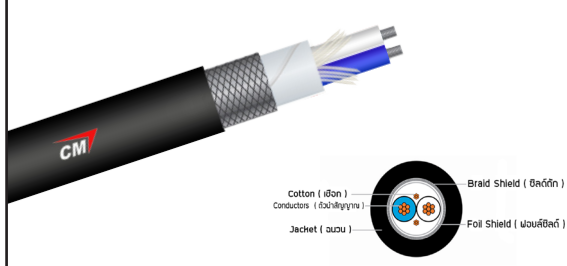
CM-M2D-3322



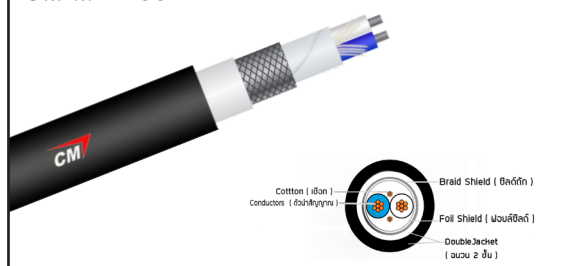
Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-M2-1322	CM : Microphone Cable 2 Core, Stereo 22 AWG Shield Black (สีดำ)	40.00
CM-M2D-3322G	CM : Microphone Cable 2 Core, Stereo 22 AWG DoubleJacket Shield Gray (สีเทา)	54.00
CM-M2D-3322B	CM : Microphone Cable 2 Core, Stereo 22 AWG DoubleJacket Shield Black (สีดำ)	54.00

GENERAL CHARACTERISTICS

CM-M2-1322



CM-M2D-3322



Model		CM-M2-1322	CM-M2D-3322
Cable	O.D.	6.2mm±0.15mm	6.5mm±0.15mm
	Standard reels	100m / 300m / 500m	100m
	Weight (kg/100m)	4.70kg/100m	7.50kg/100m
	Operating temperature	60°C	60°C
Jacket	Material	PVC	PVC/DoubleJackhet
	Nom. Thick.	1.1mm	1.55mm
	Color	Black	Black / Gray
Braid Shield	Material	Tinned Copper	Tinned Copper
	Coverage	95 %	95 %
Foil Shield	Material	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	40x0.10mm	40x0.10mm
	Area / AWG	22 AWG	22 AWG
	Insul. O.D.	1.7mm±0.1mm	1.7mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
Cound D.C.R (Ω/100M)	5.86Ω/100M	CDR/CDR 1 kHz (pF/m)	55pF/m±5pF
Shield (Ω/100M)	1.66Ω/100M	CDR/SDR 1 kHz (pF/m)	61pF/m±5pF
Nominal Impedance 1 kHz (Ω/100m)		81Ω/100m	

Microphone Cable (สายไมค์)



CM-M1-2424



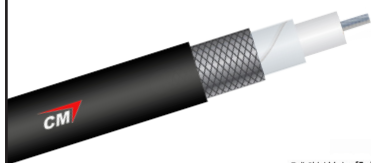
CM-MA-2324



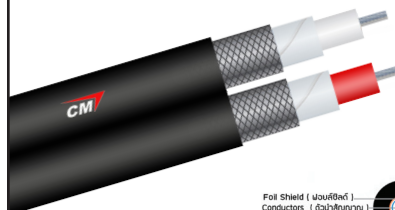
Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-M1-2424	CM : Microphone Cable Mono Type 22 AWG Shield Black (สีดำ)	25.00
CM-MA-2324	CM : Audio Cable Parallel Twin , Unbalance Audio 2x L-R	45.00

GENERAL CHARACTERISTICS

CM-M1-2424



CM-MA-2324



Model		CM-M1-2424	CM-MA-2324
Cable	O.D.	5.90mm	2x5.90mm
	Standard reels	100m / 300m / 500m	100m
	Weight (kg/100m)	4.50kg/100m	6.50kg/100m
	Operating temperature	60°C	60°C
Jacket	Material	PVC	PVC
	Nom. Thick.	1.1mm	1.55mm
	Color	Black	Black
Braid Shield	Material	Tinned Copper	Tinned Copper
	Coverage	95 %	95 %
Foil Shield	Material	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	13x0.14mm	13x0.10mm
	Area / AWG	24 AWG	24 AWG
	Insul. O.D.	2.70mm	2.70mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
Count D.C.R (Ω/100M)	5.86Ω/100M	CDR/CDR 1 kHz (pF/m)	136pF/m±5pF
Shield (Ω/100M)	5.86Ω/100M	CDR/SDR 1 kHz (pF/m)	149pF/m±5pF
Nominal Impedance 1 kHz (Ω/100m)		33Ω/100m	

Speaker Cable (สายลำโพง)



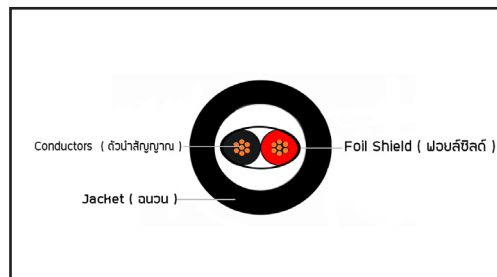
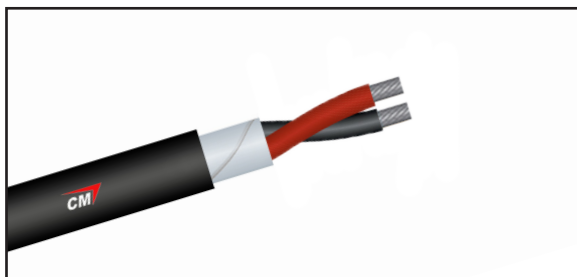
CM-S1518

CM-S1516



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-S1518	CM : Speaker cable 2 core,High-Professional 18 AWG, (2x1.00mm ²) Black	48.00
CM-S1516B	CM : Speaker cable 2 core,High-Professional 16 AWG, (2x1.50mm ²) Black	65.00
CM-S1516G	CM : Speaker cable 2 core,High-Professional 16 AWG, (2x1.50mm ²) Gray	65.00

GENERAL CHARACTERISTICS



Model		CM-S1518	CM-S1516
Cable	O.D.	6.4mm±0.2mm	8.8mm±0.2mm
	Standard reels	100m	100m / 300m
	Weight (kg/100m)	5kg/100m	8.5kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	1.1mm	1.3mm
	Color	Black	Black / Gray
Shield	Material	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	19x0.25mm	162x0.10mm
	Area / AWG	18 AWG (2x1.0mm ²)	16 AWG (2x1.5mm ²)
	Insul. O.D.	2.1mm±0.1mm	3.1mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	2.09Ω/100m	1.5Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	68pF/m±5pF	56pF/m±5pF

Speaker Cable (สายลำโพง)



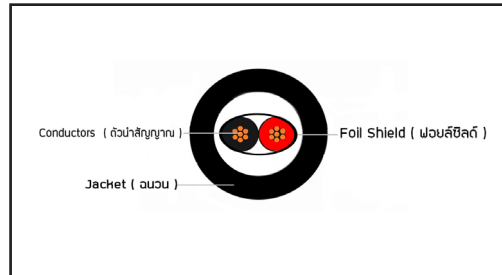
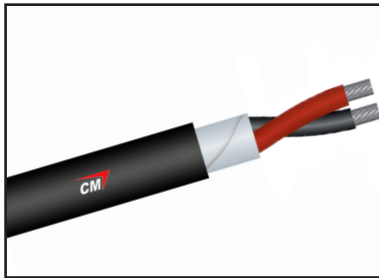
CM-S1514

CM-S1512



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-S1514B	CM : Speaker cable 2 core,High-Professional 14 AWG, (2x2.50mm ²) Black	85.00
CM-S1514C	CM : Speaker cable 2 core,High-Professional 14 AWG, (2x2.50mm ²) Gray	85.00
CM-S1512	CM : Speaker cable 2 core,High-Professional 12 AWG, (2x4.00mm ²) Black	125.00

GENERAL CHARACTERISTICS



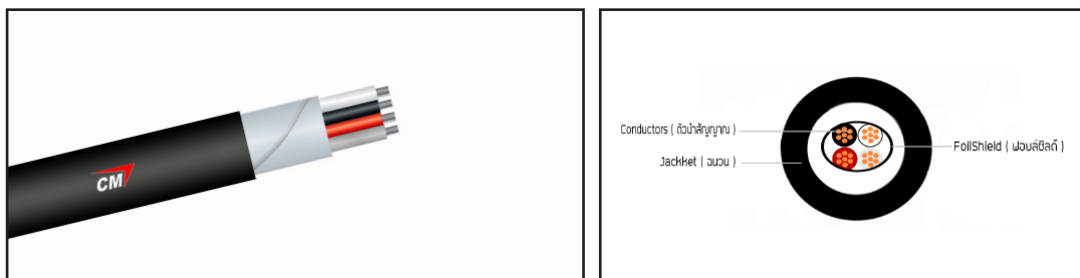
Model		CM-S1514	CM-S1512
Cable	O.D.	8.7mm±0.2mm	9.7mm±0.3mm
	Standard reels	100m / 300m	100m / 300m
	Weight (kg/100m)	12kg/100m	15kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	1.4mm	1.5mm
	Color	Black / Gray	Black
Shield	Material	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	278x0.10mm	436x0.10mm
	Area / AWG	14 AWG (2x2.5mm ²)	12 AWG (2x4mm ²)
	Insul. O.D.	3.5mm±0.1mm	4mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	0.9Ω/100m	0.5Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	56pF/m±5pF	55pF/m±5pF

Speaker Cable (สายลำโพง)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-S2516	CM : Speaker cable 4 core,High-Professional 16 AWG, (4x1.50mm ²) Black	125.00
CM-S2514	CM : Speaker cable 4 core,High-Professional 14 AWG, (4x2.50mm ²) Black	165.00
CM-S2512	CM : Speaker cable 4 core,High-Professional 12 AWG, (4x4.00mm ²) Black	230.00

GENERAL CHARACTERISTICS



Model		CM-S2516	CM-S2514	CM-S2512
Cable	O.D.	9.30mm±0.2mm	10.30mm±0.2mm	11.60mm±0.3mm
	Standard reels	100m / 300m	100m / 300m	100m
	Weight (kg/100m)	12.6kg/100m	17.4kg/100m	38kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC	PVC
	Nom. Thick.	2.80mm	3.65mm	3.65mm
	Color	Black	Black	Black
Shield	Nom. Thick.	Alu-Foil	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %	125 %
Conductor	Strand	162x0.10mm	278x0.10mm	463x0.10mm
	Area / AWG	16 AWG (4x1.50mm ²)	14 AWG (4x2.50mm ²)	12 AWG (4x4mm ²)
	Insul. O.D.	3.1mm±0.1mm	3.5mm±0.1mm	4mm±0.1mm
	Material	Tinned copper	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS				
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN		
D.C.R at 20°C	Conductor (Ω/100m)	1.5Ω/100m	0.9Ω/100m	0.5Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	56pF/m±5pF	56pF/m±5pF	55pF/m±5pF

Speaker Cable (สายลำโพง)



CM-S1818

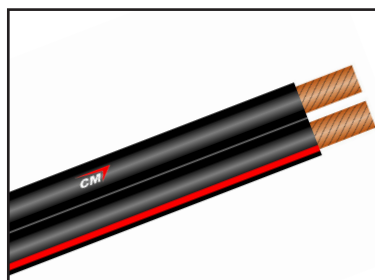
CM-S1816

CM-S1814



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-S1818	CM : Speaker cable 2 core,High-Parallel Twin 18 AWG, (2x1.00mm ²)	22.00
CM-S1816	CM : Speaker cable 2 core,High-Parallel Twin 16 AWG, (2x1.50mm ²)	30.00
CM-S1814	CM : Spaker cable 2 core,High-Parallel Twin 14 AWG, (2x2.50mm ²)	38.00

GENERAL CHARACTERISTICS



Jacket (ฉนวน)

Conductors
(ตัวนำสัญญาณ)

Model		CM-S1818	CM-S1816	CM-S1814
Cable	O.D.	7.0mm	9.6mm	11.0mm
	Standard reels	100m / 300m	100m / 300m	100m / 300m
	Weight (kg/100m)	12.6kg/100m	12.6kg/100m	17.4kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC	PVC
	Nom. Thick.	1.1mm	2.80mm	3.65mm
	Color	Black	Black	Black
Conductor	Strand	48x0.16mm	63x0.16mm	111x0.16mm
	Area / AWG	18 AWG (2x1.00mm2)	16 AWG (2x1.50mm2)	14 AWG (2x2.50mm2)
	Insul. O.D.	2.1mm±0.1mm	3.1mm±0.1mm	3.5mm±0.1mm
	Material	Bare copper	Bare copper	Bare copper

ELECTRICAL CHARACTERISTICS

Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN		
D.C.R at 20°C	Conductor (Ω/100m)	2.09Ω/100m	1.32Ω/100m	0.83Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	68pF/m±5pF	64pF/m±5pF	81pF/m±5pF

Speaker Cable (สายลำโพง)



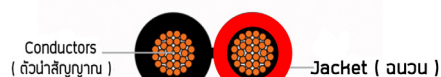
CM-VTF1616

CM-VTF1614



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-VTF1616	CM : VTF Twisted Pair Speaker Cable, 1Pair 16 AWG (1.50mm ²)	45.00
CM-VTF1614	CM : VTF Twisted Pair Speaker Cable, 1Pair 14 AWG (2.50mm ²)	70.00

GENERAL CHARACTERISTICS



Model		CM-VTF1616	CM-VTF1614
Cable	O.D.	9.30mm±0.2mm	10.30mm±0.2mm
	Standard reels	100m / 300m	100m / 300m
	Weight (kg/100m)	6.7kg/100m	11.5kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	1.35mm	1.45mm
	Color	Black & Red	Black & Red
Conductor	Strand	64x0.18mm	49x0.26mm
	Area / AWG	16 AWG (2x1.5mm ²)	14 AWG (2x2.5mm ²)
	Insul. O.D.	2.80mm±0.1mm	3.65mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	1.32Ω/100m	0.83Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	64pF/m±5pF	81pF/m±5pF

Speaker Cable (สายลำโพง)



CM-SM-1718

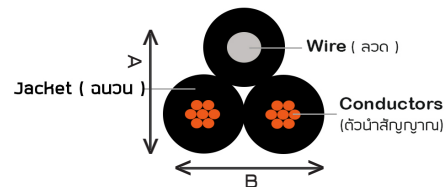
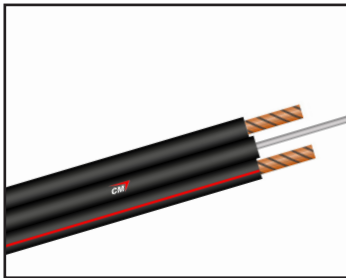
CM-SM-1716

CM-SM-1714



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-SM-1718	CM : Drop Wire Speaker Cable, Indoor / Outdoor 18 AWG (2x1.00mm ²)	22.00
CM-SM-1716	CM : Drop Wire Speaker Cable, Indoor / Outdoor 16 AWG (2x1.50mm ²)	28.00
CM-SM-1714	CM : Drop Wire Speaker Cable, Indoor / Outdoor 14 AWG (2x2.50mm ²)	38.00

GENERAL CHARACTERISTICS



Model		CM-SM-1718	CM-SM-1716	CM-SM-1714
Cable	Approximate dimensions A	7.4 mm	8.2 mm	8.5 mm
	B	8.5 mm	9.2 mm	9.5 mm
	Standard reels	200m/300m/500m	200m/300m/500m	100m/200m/300m/500m
	Weight (kg/100m)	11.5kg/200m	11.5kg/200m	11.5kg/200m
	Operating temperature	20°C	20°C	20°C
Jacket	Material	PVC	PVC	PVC
	Nom. Insulation thickness	1.0mm	1.0mm	1.0mm
	Nom. Supporting wire	1.20mm	1.20mm	1.20mm
	Color	Black	Black	Black
Conductor	Strand	16x0.254mm	26x0.254mm	42x0.254mm
	Insul. O.D.	3.5mm±0.1mm	3.1mm±0.1mm	2.1mm±0.1mm
	Material	Bare copper	Bare copper	Bare copper
	Area / AWG	18 AWG	16 AWG	14 AWG
ELECTRICAL CHARACTERISTICS				
Conductor resistance,maximum. (Ω/km)	Conductor Size	1.02mm	0.9mm	0.9mm
		24	28.5	28.5
Min Elongation		25	25	25
Insulation resistance,maximum. (MΩ-km)		400	400	400

Speaker Cable (สายลำโพง)



CM-DW-S1718 โลหะชุบทองแดง

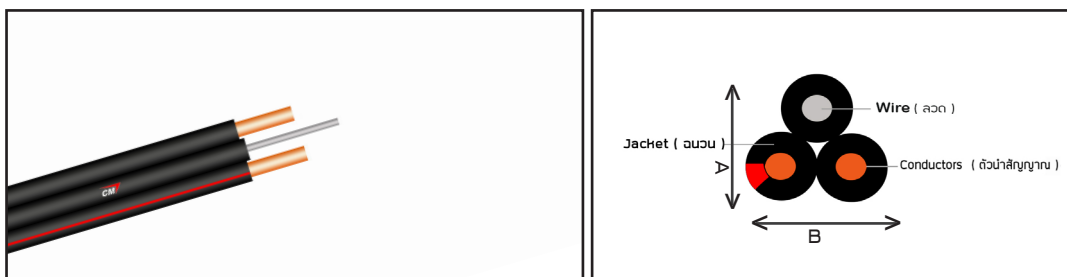


CM-DW-TC18 ทองแดงแท้



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-DW-S1718	CM : Drop Wire Speaker Messenger Outdoor 18 AWG (2x1.02mm ²)	9.00
CM-DW-TC18	CM : Drop Wire Speaker/Telephone Cable,Outdoor 18 AWG (2x0.90mm ²)	12.00

GENERAL CHARACTERISTICS



Model		CM-DW-S1718		CM-DW-TC18
Cable	Approximate dimensions	A	6.2 mm	6.1 mm
		B	6.9 mm	6.8 mm
	Standard reels		200m	200m
	Weight (kg/100m)		11.5kg/100m	11.5kg/100m
	Operating temperature		20°C	20°C
Jacket	Material		PVC	PVC
	Nom. Insulation thickness		1.0mm	1.0mm
	Nom. Supporting wire		1.20mm	1.20mm
	Color		Black	Black/Red
Conductor	Strand		2x1.02mm	2x0.9mm
	Insul. O.D.		1.02mm	0.9mm
	Material		Copper plated steel	Bare copper
ELECTRICAL CHARACTERISTICS				
Conductor resistance,maximum. (Ω/km)	Conductor Size		1.02mm	0.9mm
			24	28.5
Min Elongation			25	25
Insulation resistance,maximum. (MΩ-km)			300V	300V

Audio Wiring Cable (สายออดิโอ าวมิ่ง)



CM-A1125-BS



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A1125-BS	CM : Audio Wiring Cable 25 AWG , Black	26.00

GENERAL CHARACTERISTICS



Model		CM-A1125BS
Cable	O.D.	4.00mm±0.1mm
	Standard reels	100m / 300m
	Weight (kg/100m)	11.5kg/100m
	Operating temperature	-20°C--+ 80°C
Jacket	Material	PVC
	Nom. Thick.	0.6mm±0.5mm
	Color	Black
Braid Shield	Material	Tinned copper
	Coverage	95 %
Foil Shield	Material	Foil
	Coverage	125 %
Conductor	Strand	11×0.14mm
	Area / AWG	25 AWG
	Insul. O.D.	3.5mm±0.1mm
	Material	Tinned copper
ELECTRICAL CHARACTERISTICS		
EFF Cross-Sectional Area		0.1694 Sq.MM.
DC Resistance @20°C		96 Ω/km
Rated Voltage		300 V
Rated Temperature		80°C

Audio Wiring Cable (สายจอตีโวล วาวรี้ง)



CM-A1126-B

CM-A1124-B



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A1126-B	CM : Audio Wiring Cable 26 AWG , Black	19.00
CM-A1124-B	CM : Audio Wiring Cable 24 AWG , Black	24.00

GENERAL CHARACTERISTICS



Model		CM-A1126-B	CM-A1124-B
Cable	O.D.	3.20mm±0.1mm	4.00mm±0.1mm
	Standard reels	100m / 300m	100m / 300m
	Weight (Kg/100m)		
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	0.6mm±0.5mm	0.6mm±0.5mm
	Color	Black	Black
Shield	Nom. Thick.	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	7x0.16mm	7x0.20mm
	Area / AWG	26 AWG	24 AWG
	Insul. O.D.	1.0mm±0.1mm	1.2mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
EFF Cross-Sectional Area		0.1407 Sq.MM.	0.2770 Sq.MM.
DC Resistance @20°C		129.6 Ω/km	81.53 Ω/km
Rated Voltage		300 V	300 V
Rated Temperature		80°C	80°C

Audio Wiring Cable (สายจอตีโวล วาวรีง)



CM-A1122

CM-A1118



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A1122-BLK	CM : Audio Wiring Cable 22 AWG , Black	25.00
CM-A1122-GRY	CM : Audio Wiring Cable 22 AWG , Gray	25.00
CM-A1118-BLK	CM : Audio Wiring Cable 18 AWG , Black	52.00

GENERAL CHARACTERISTICS



Model		CM-A1122	CM-A1118
Cable	O.D.	4.8mm±0.15mm	5.8mm±0.15mm
	Standard reels	100m / 300m	100m / 300m
	Weight (kg/100m)	3.0kg/100m	5.0kg/100m
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	0.6mm±0.5mm	0.6mm±0.5mm
	Color	Black / Gray	Black
Shield	Nom. Thick.	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	7×0.25mm	7×0.40mm
	Area / AWG	22 AWG	18 AWG
	Insul. O.D.	3.5mm±0.1mm	3.5mm±0.1mm
	Material	Tinned copper	Tinned copper
ELECTRICAL CHARACTERISTICS			
EFF Cross-Sectional Area		0.3547 Sq.MM.	0.8969 Sq.MM.
DC Resistance @20°C		51.28 Ω/km	20.28 Ω/km
Rated Voltage		300 V	300 V
Rated Temperature		80°C	80°C

Audio Wiring Cable (สายจอสปีคเกอร์)

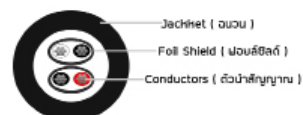
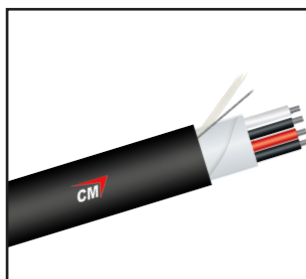


CM-A2218



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A2218	CM : Audio Wiring Cable 18 AWG , 2 Pair Black	70.00

GENERAL CHARACTERISTICS



Model		CM-A2218
Cable	O.D.	8.5mm±0.15mm
	Standard reels	100m / 300m
	Weight (kg/100m)	5.0kg/100m
	Operating temperature	-20°C~+ 80°C
Jacket	Material	PVC
	Nom. Thick.	0.6mm±0.5mm
	Color	Black
Shield	Nom. Thick.	Alu-Foil
	Coverage	125 %
Conductor	Strand	7x0.40mm
	Area / AWG	18 AWG
	Insul. O.D.	3.5mm±0.1mm
	Material	Tinned copper
ELECTRICAL CHARACTERISTICS		
EFF Cross-Sectional Area		0.8969 Sq.MM.
DC Resistance @20°C		20.28 Ω/km
Rated Voltage		300 V
Rated Temperature		80°C

Control + AC Cable



CM-ASA24-2.5

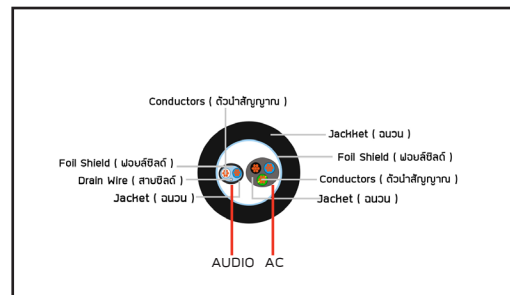
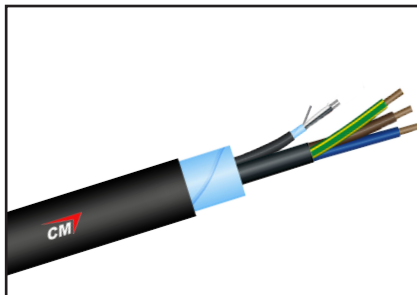
CM-ASA22-2.5

CM-ASA18-2.5



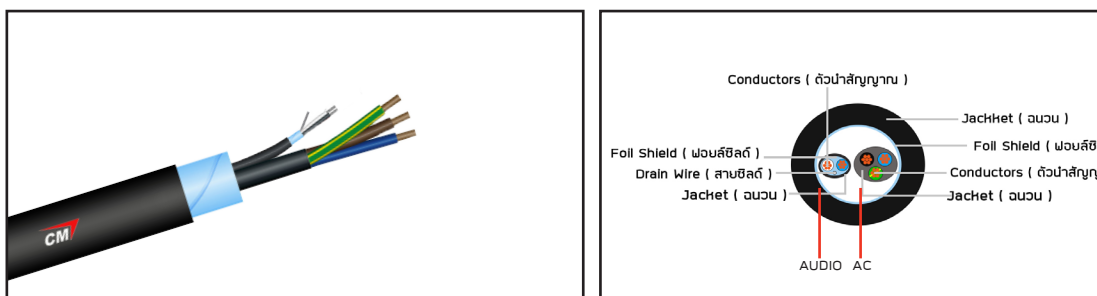
Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A1124AC	CM : Control Cable 24 AWG with AC 2Cx2.5mm2+G	100.00
CM-A1122AC	CM : Control Cable 22 AWG with AC 2Cx2.5mm2+G	110.00
CM-A1118AC	CM : Control Cable 18 AWG with AC 2Cx2.5mm2+G	140.00

CONTROL CABLE GENERAL CHARACTERISTICS



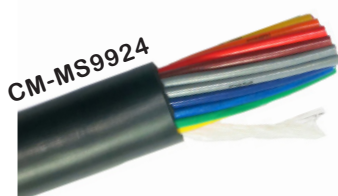
Model		CM-A1124AC	CM-A1122AC	CM-A1118AC
Cable	O.D.	15.00mm	15.20mm	15.50mm
	Standard reels	100m	100m	100m
	Weight (kg/100m)			
	Operating temperature	-20°C--+ 80°C	-20°C--+ 80°C	-20°C--+ 80°C
Jacket	Material	PVC	PVC	PVC
	Nom. Thick.	0.6mm±0.5mm	0.6mm±0.5mm	0.6mm±0.5mm
	Color	Black	Black / Gray	Black
Shield	Nom. Thick.	Alu-Foil	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %	125 %
Conductor	Strand	7x0.20mm	7x0.25mm	7x0.40mm
	Area / AWG	24 AWG	22 AWG	18 AWG
	Insul. O.D.	1.2mm±0.1mm	3.5mm±0.1mm	3.5mm±0.1mm
	Material	Tinned copper wrie	Tinned copper wrie	Tinned copper wrie
ELECTRICAL CHARACTERISTICS				
EFF Cross-Sectional Area		0.2770 Sq.MM.	0.3547 Sq.MM.	0.8969 Sq.MM.
DC Resirance @20°C		81.53 Ω/km	51.28 Ω/km	20.28 Ω/km
Rated Voltage		300 V	300 V	300 V
Rated Temperature		80°C	80°C	80°C

AC CABLE GENERAL CHARACTERISTICS



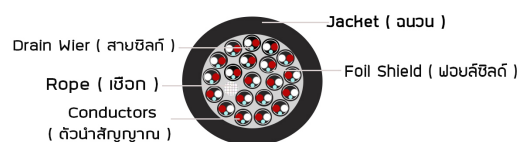
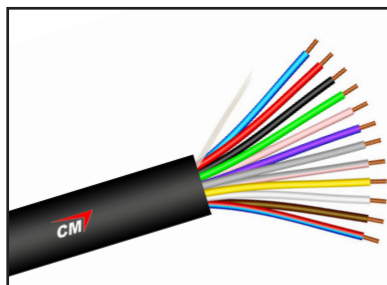
Model	CM-A1124AC	CM-A1122AC	CM-A1118AC
Nominal cross sectional area	2.5mm2		
Class of conductor	5		
Insulation Nom, Thick.	0.8 mm		
Sheath Nom, Thick.	1.1 mm		
Overall diameter			
Minimum	9.2 mm		
Maximum	11.4 mm		
Standard length	100/C		
Weight (kg/km)	175		
ELECTRICAL CHARACTERISTICS			
Conductor resistance at 20°C Maximum (Ω/km)	7.98		
Insulation resistance at 70°C Minimun (MΩ-km)	0.009		
Continuous current rating in free air maximum (A)	21		
CABLE STRUCTURE , TECHNICAL DATA			
Conductor	: Flexible annealed copper wire Sizes. 0.75mm2 up to 2.5 mm2		
Insulation	: Polyvinyl chloride (PVC)		
Core indentification			
2 Cores + G	: Blue , Brown and Green / Yellow		
Sheath	: Black polyvinyl chioride (PVC/ST5)		
Classification	: Maximun Conductor temperature 70°C		
	: Circuit Voltage not exceeding 300/500 Volts		
300 Volts between Line-to-Earth	500 Volts between Line-to-Line		

Multicore Audio (สายมัลติคอร์ วอทีโอ)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-MS-9902	CM : Snake Multicore Cable, 2 Channels	85.00
CM-MS-9904	CM : Snake Multicore Cable, 4 Channels	165.00
CM-MS-9908	CM : Snake Multicore Cable, 8 Channels	220.00
CM-MS-9912	CM : Snake Multicore Cable, 12 Channels	285.00
CM-MS-9916	CM : Snake Multicore Cable, 16 Channels	385.00
CM-MS-9924	CM : Snake Multicore Cable, 24 Channels	585.00
CM-MS-9932	CM : Snake Multicore Cable, 32 Channels	800.00

GENERAL CHARACTERISTICS



Product Code	CM-MS-9902	CM-MS-9904	CM-MS-9908	CM-MS-9912	CM-MS-9916	CM-MS-9924	CM-MS-9932
Inner Conductor	30/0.10mmBC						
Conductor Cross Section	2x1.10 SQmm.						
Insulation	3.00 mm.						
Filter	Cotton						
No.of Pair	2	4	8	12	16	24	32
Core Arrangements	2 Core Twisted With						
1 st Shield	0.2x7 Tinned Copper Bare						
2nd Shield	AL / P-Foil						
Outer Jacket	8.00mm PVC (Soft-flex),Black	10.00mm PVC (Soft-flex),Black	13.00mm PVC (Soft-flex),Black	15.00mm PVC (Soft-flex),Black	17.00mm PVC (Soft-flex),Black	21.00mm PVC (Soft-flex),Black	25.00mm PVC (Soft-flex),Black
Voltage Rating	300 V.						
Temperature Rating	80 C						
Weight (kg/100)	5.35kg/100m	12.58kg/100m	24kg/100m	28.57kg/100m	42kg/100m	60kg/100m	78kg/100m

AES / EBU Cable

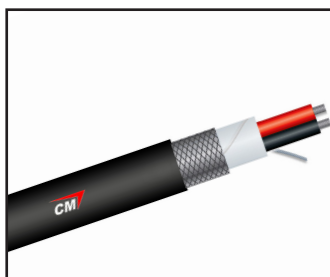


CM-A2402 (110 Ohms)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A2402BH	CM : AES Digital Audio DMX Cable Shield 2 Cores, 24AWG 110 Ohms,BH	40.00
CM-A2402PE	CM : AES Digital Audio DMX Cable Shield 2 Cores, 24AWG 110 Ohms,PE	40.00
CM-A2402GY	CM : AES Digital Audio DMX Cable Shield 2 Cores, 24AWG 110 Ohms,GY	40.00

GENERAL CHARACTERISTICS



Model		CM-A2402
Cable	O.D.	4.3mm±0.2mm
	Standard reels	100m
	Weight (kg/100m)	3.0kg/100m
	Operating temperature	-15°C~+ 70°C
Jacket	Material	PVC
	Nom. Thick.	0.7mm±0.5mm
	Color	Black , Purple , Gray
Braid Shield	Material	Tinned copper
	Coverage	95 %
Foil Shield	Material	Alu-Foil
	Coverage	125 %
Conductor	Strand	7x0.25mm
	Area / AWG	24 AWG
	Insul. O.D.	1.2mm±0.1mm
	Material	Tinned copper (OFC)
ELECTRICAL CHARACTERISTICS		
Dielectric Strength (V AC/min.)		500V AC/0.15sec MIN
D.C.R at 20°C	Conductor (Ω/100m)	6.8 (Ω/100m)
Capacitance	CDR/CDR 1 kHz (pF/m)	48pF/m±5pF
	CDR/SCR 1 kHz (pF/m)	95pF/m±5pF
Charac teristic impedance	Ω	110 Ω
Attenuation	db/100m (3 MHz)	5.4HMz

AES / EBU Cable

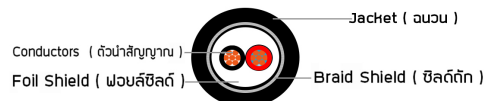


CM-2202 , CM-A2002
(110 Ohms)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-A2202BH	CM : AES Digital Audio DMX Cable Shield 2 Cores, 22AWG 110 Ohms,Black	50.00
CM-A2002BH	CM : AES Digital Audio DMX Cable Shield 2 Cores, 20AWG 110 Ohms,Black	58.00
CM-A2002PE	CM : AES Digital Audio DMX Cable Shield 2 Cores, 20AWG 110 Ohms,Purple	58.00
CM-A2002CY	CM : AES Digital Audio DMX Cable Shield 2 Cores, 20AWG 110 Ohms,Gray	58.00

GENERAL CHARACTERISTICS



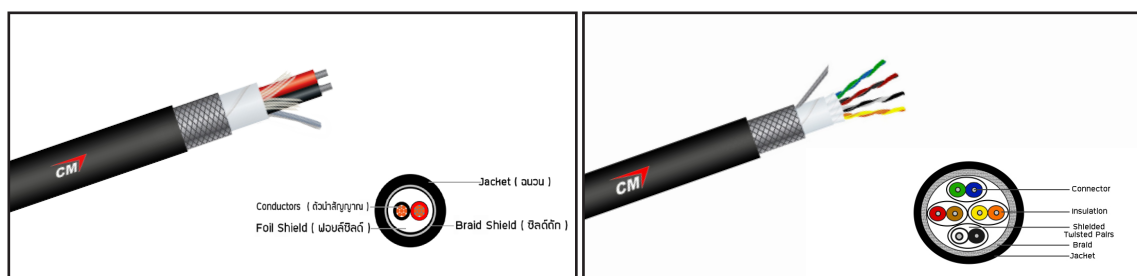
Model		CM-A2202	CM-A2002
Cable	O.D.	5.8mm±0.2mm	6.5mm±0.2mm
	Standard reels	100m	100m
	Weight (kg/100m)	6.8kg/100m	7.5kg/100m
	Operating temperature	-15°C+ 70°C	
Jacket	Material	PVC	PVC
	Nom. Thick.	0.9mm	1.0mm
	Color	Balck	Black , Gray , Purple
Braid Shield	Material	Tinned copper	
	Coverage	95 %	
Foil Shield	Material	Alu-Foil	Alu-Foil
	Coverage	125 %	
Conductor	Strand	11mmx0.20mm	16mmx0.20mm
	Area / AWG	22 AWG	20 AWG
	Insul. O.D.	1.8mm±0.1mm	1.8mm±0.1mm
	Material	Tinned copper (OFC)	
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		500V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	3.3 (Ω/100m)	
Capacitance	CDR/CDR 1 kHz (pF/m)	48pF/m±5pF	
	CDR/SCR 1 kHz (pF/m)	73pF/m±5pF	
Charac teristic impedance	Ω	110 Ω	
Attenuation	db/100m (3 MHz)	2.6HMz	

Control RS 485 Cable



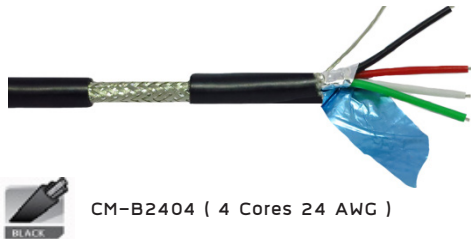
Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-IE2404P	CM : RS232,RS422,RS485 Control cable Shield 4 Pair , 24 AWG 120 Ohms	80.00
CM-IE2401P	CM : RS 485 Control cable Shield 2 Core , 24 AWG 120 Ohms	40.00
CM-IE2201P	CM : RS 485 Control cable Shield 2 Core , 22 AWG 120 Ohms	50.00
CM-IE2001P	CM : RS 485 Control cable Shield 2 Core , 20 AWG 120 Ohms	58.00

GENERAL CHARACTERISTICS

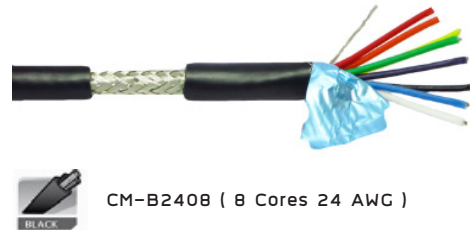


Model		CM-IE2404P	CM-IE2401P	CM-IE2201P	CM-IE2001P
Cable	O.D.	8.5mm±0.2mm	4.3mm±0.2mm	5.4mm±0.2mm	5.8mm±0.2mm
	Standard reels	100/300/500m	100m	100m	100m
	Weight (kg/100m)	6.0kg/100m	3.0kg/100m	3.4kg/100m	3.8kg/100m
	Operating temperature	-15°C--+ 70°C	-15°C--+ 70°C	-15°C--+ 70°C	-15°C--+ 70°C
Jacket	Material	PVC	PVC	PVC	PVC
	Nom. Thick.	0.7mm±0.5mm	0.7mm±0.5mm	0mm±0.5mm	0.7mm±0.5mm
	Color	Black	Black	Black	Black
Braid Shield	Material	Tinned copper	Tinned copper	Tinned copper	Tinned copper
	Coverage	95 %	95 %	95 %	95 %
Foil Shield	Material	Alu-Foil	Alu-Foil	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %	125 %	125 %
Conductor	Strand	7x0.20mm	7x0.20mm	7x0.25mm	19x0.20mm
	Area / AWG	24 AWG	24 AWG	22 AWG	20 AWG
	Insul. O.D.	1.40mm	1.20mm	1.70mm	1.95mm
	Material	Tinned copper (OFC)			
ELECTRICAL CHARACTERISTICS					
Dielectric Strength (V AC/min.)				1000V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)			6.8 (Ω/100m)	
Capacitance	CDR/CDR 1 kHz (pF/m)			48pF/m±5pF	
	CDR/SCR 1 kHz (pF/m)			95pF/m±5pF	
Charac teristic impedance	Ω			120 Ω	
Attenuation	db/100m (3 MHz)			5.4HMz	

Audio DMX Cable (สายควบคุม DMX)



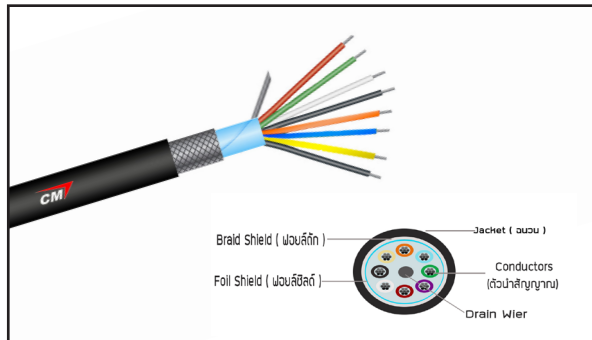
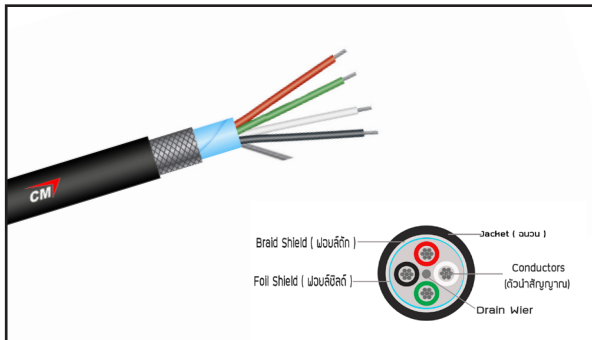
CM-B2404 (4 Cores 24 AWG)



CM-B2408 (8 Cores 24 AWG)

Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-B2404	CM : Audio Signal Digital DMX Cable Shield 4 Cores , 24 AWG	50.00
CM-B2408	CM : Audio Signal Digital DMX Cable Shield 8 Cores , 24 AWG	78.00

GENERAL CHARACTERISTICS



Model		CM-B2404	CM-B2408
Cable	O.D.	4.8mm±0.15mm	5.8mm±0.15mm
	Standard reels	100m / 300m	100m / 300m
	Weight (kg/100m)	3.0kg/100m	5.0kg/100m
	Operating temperature	-20°C~+ 80°C	-20°C~+ 80°C
Jacket	Material	PVC	PVC
	Nom. Thick.	0.6mm±0.5mm	0.6mm±0.5mm
	Color	Black / Gray	Black
Shield	Nom. Thick.	Alu-Foil	Alu-Foil
	Coverage	125 %	125 %
Conductor	Strand	7×0.25mmTC	7×0.40mmTC
	Area / AWG	24 AWG	24 AWG
	Insul. O.D.	3.5mm±0.1mm	3.5mm±0.1mm
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	1.32Ω/100m	0.83Ω/100m
Capacitance	CDR/CDR 1 kHz (pF/m)	64pF/m±5pF	64pF/m±5pF

VGA Cable (สาย VGA)

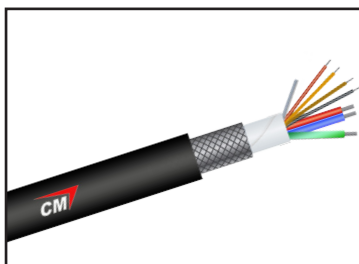


CM-VGA-3-4 (3 Coax , 4 Control)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-VGA3-4	CM : VGA Cable, Video + Control RGB 3Coaxial 25AWG + 4Control 24AWG	88.00

GENERAL CHARACTERISTICS



Model		CM-VGA-3-4	
Cable	O.D.	9.0mm±0.2mm	
	Standard reels	100m	
	Weight (kg/100m)	12.6kg/100m	
	Operating temperature	-20°C-+ 60°C	
Jacket	Material	PVC	
	Nom, Thick.	0.95mm	
Braid Shield	Material	Tinned copper	
	Coverage	95 %	
Foil Shield	Material	Alu-Foil	
	Coverage	125 %	
Conductor		A	B
	Q'ty	3 Coax	4 Control
	Jacket OD	2.55±0.1mm	
	Jacket Material	PVC	
	Nom. Thick.	0.35mm	
	Shield / Material	Spiral – TC	
	Coverage	95 %	
	Strand	7 x 34mm	
	Area / AWG	26 AWG	24 AWG
	Delect. O.D.	1.6±0.1mm	1.1±0.1mm
	Material	Tinned copper	
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		1000V AC/0.15sec MIN	1000V AC/0.15sec MIN
D.C.R at 20°C	Conductor (Ω/1000ft)	21.3/1000ft	43Ω/1000ft
Nominal Impedane Ω		<45Ω/1000ft	
Attenuance	db/100m (1 MHz)		
	db/100m (5 MHz)		
	db/100m (10 MHz)		
	db/100m (50 MHz)		
	db/100m (100 MHz)		
	db/100m (180 MHz)		
	db/100m (400 MHz)		

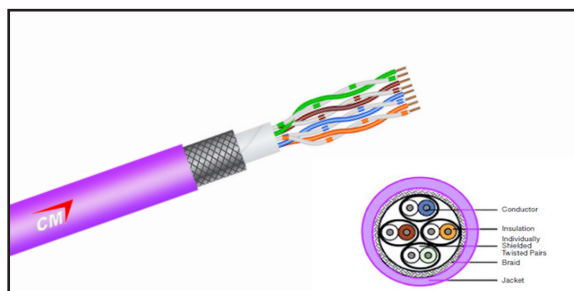
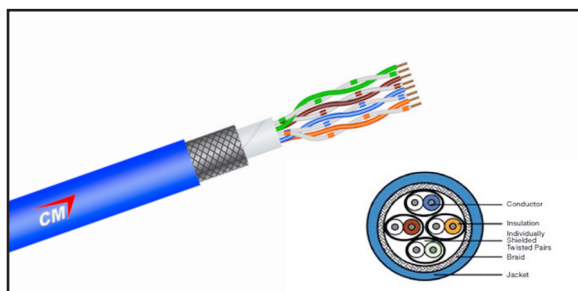
LAN Cable


CM-EN6-S23 (Cat 6)

CM-EN8-S22 (Cat 8)


Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-EN6-S23	CM : SFTP CAT6A Super SFTP, Drain Wire, PE Shield, overall foil shield 23 AWG	270.00
CM-EN8-S22	CM : SFTP CAT8 Super SFTP Drain Wire, PE Shield, overall foil shield 22 AWG	320.00

GENERAL CHARACTERISTICS



Model		CM-EN6-S23	CM-EN7-S23
Cable	O.D.	8.0mm±0.1mm	8.5mm±0.1mm
	Standard reels	200 m	200 m
	Weight (kg/200m)	13.0kg/200m	14.7kg/200m
	Operating temperature	-40°C-+ 75°C	-40°C-+ 75°C
Jacket	Material	PVC	PVC
	Nom. Thick.	0.6mm±0.05mm	1.45mm±0.05mm
	Color	Blue	Purple
Braid Shield	Material	Tinned copper	
	Coverage	95 %	
Foil Shield	Material	Alu-Foil	
	Coverage	125 %	
Conductor	Strand	1/0.45mm	1/0.62mm
	Area / AWG	23 AWG	23 AWG
	Insul. O.D.	1.40mm±0.05mm	1.42mm±0.05mm
	Twisted Pairs	4 Pairs	4 Pairs
ELECTRICAL CHARACTERISTICS			
Dielectric Strength (V AC/min.)		2500V AC/3 sec MIN	
D.C.R at 20°C	Conductor (Ω/100m)	9.38Ω/100m	9.38Ω/100m
	Insulation (Ω/100m)	150mΩ/km	150mΩ/km
Capacitance	Unbalance (pF/100m)	160pF/100m	160pF/100m
	Mutual (pF/100m)	5600pF/100m	5600pF/100m
Resistance	Resistance Unbalance	2 %	2 %

50 Ω , 75 Ω Coaxial Cable (HD to UHD,SDI)



CM-RG58A/U (20AWG)

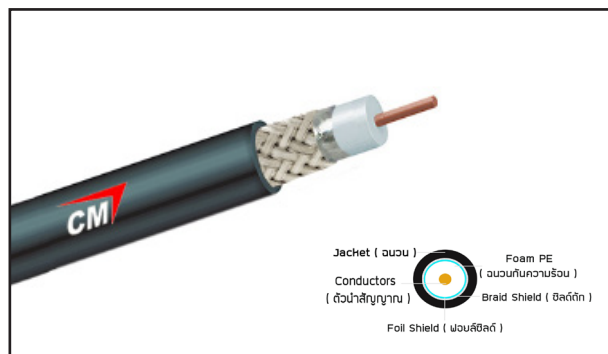
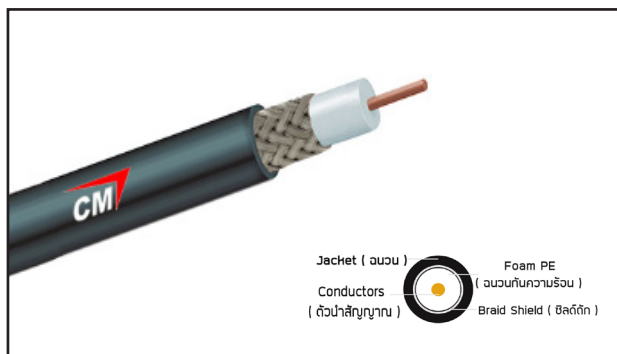
CM-RG59-95HD (20AWG)

CM-RG6-95HD (18AWG)



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-RG58A/U	CM : Coaxial Cable RG -58 , 50 Ohms ,PE Shield for Radio Antenna	28.00
CM-RG59-95HD	CM : Digital HD-SDI 4.5C Video Cable Studio - Broadcast With Braid Shield 95%	48.00
CM-RG6-95HD	CM : Digital HD-SDI 4.5C Video Cable Studio - Broadcast With Braid Shield 95%	58.00

GENERAL CHARACTERISTICS



Model		CM-RG58A/U	CM-RG59-95HD	CM-RG6-95HD
Cable	O.D.	5.3mm±0.21mm	6.1mm±0.21mm	7.0mm±0.21mm
	Standard reels	100m	100m	100m
	Weight (kg/100m)	4.5kg/100m	5.2kg/100m	6.2kg/100m
Jacket	Material	PVC	PVC	PVC
	Nom. Thick.	0.96mm	0.82mm	1.02mm
	Color	Black	Black	Black
Foil Shield	Material	-	Alu-Foil	Alu-Foil
	Coverage	-	125 %	125 %
Conductor	Strand	BC	BC	BC
	Area / AWG	20 AWG	20 AWG	18 AWG
	Insul. O.D.	3.0mm	3.68mm	4.57mm
ELECTRICAL CHARACTERISTICS				
Innercond	Ω/100m, Ω/km	3.3 (Ω/100m)	36.4 (Ω/km)	23.3 (Ω/km)
Outercond	Ω/100m, Ω/km	1.2 (Ω/100m)	11.4 (Ω/km)	9.9 (Ω/km)
Static capacity	pF/m	100pF/m	53pF/m	53pF/m
Charac teristic impedance	Ω	50 Ω	75 Ω	75 Ω
Attenuation	db/100m (MHz)	4.5 (10MHz)	21.3 (750MHz)	17.4 (750MHz)

Fire Alarm Cable

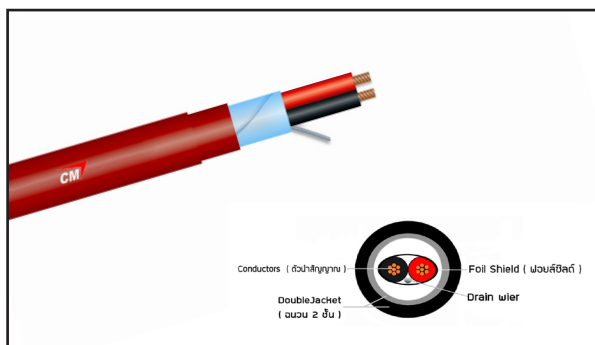
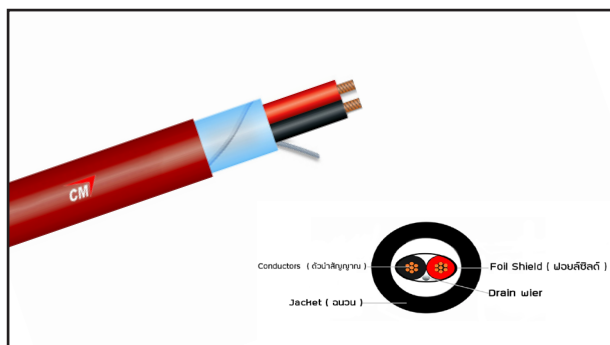
CM-FA1802 (2x0.75mm²)CM-FA1602 (2x1.50mm²)CM-FA1402 (2x2.50mm²)CM-FA1602D (2x1.50mm²)CM-FA1402D (2x2.50mm²)

Double Jacket



Part Number (รหัสสินค้า)	Description (รายละเอียด)	Unit Price / M (ราคา / เมตร)
CM-FA1802	CM : Power Limited Fire Alarm System Cable , 18 AWG, (2 x 0.75 mm ²)	35.00
CM-FA1602	CM : Power Limited Fire Alarm System Cable , 16 AWG, (2 x 1.50 mm ²)	45.00
CM-FA1602D	CM : Power Limited Fire Alarm System Cable , 16 AWG, (2 x 1.50 mm ²) Double Jacket	60.00
CM-FA1402	CM : Power Limited Fire Alarm System Cable , 14 AWG, (2 x 2.50 mm ²)	60.00
CM-FA1402D	CM : Power Limited Fire Alarm System Cable , 14 AWG, (2 x 2.50 mm ²) Double Jacket	70.00

GENERAL CHARACTERISTICS



Model		CM-FA1602	CM-FA1602D	CM-FA1402	CM-FA1402D
Cable	O.D.	5.10mm±0.10mm	7.10mm±0.10mm	6.20mm±0.10mm	8.20mm±0.10mm
	Standard reels	100m / 300m	100m / 300m	100m / 300m	100m / 300m
	Weight (kg/100m)	8.5kg/100m	8.7kg/100m	12.0kg/100m	12.4kg/100m
	Operating temperature	-20°C--+ 105°C			
Jacket	Material	PVC	Duble PVC	PVC	Duble PVC
	Nom. Thick.	1.0mm±0.05mm	1.4mm±0.05mm	1.5mm±0.05mm	2.0mm±0.05mm
	Color	Red			
Shield	Nom. Thick.	Alu-Foil			
	Coverage	125 %			
Conductor	Strand	1/1.29mm	1/1.29mm	1/1.63mm	1/1.63mm
	Area / AWG	16 AWG	14 AWG	16 AWG	14 AWG
	Insul. O.D.	1.5mm±0.05mm	1.5mm±0.05mm	2.4mm±0.05mm	2.4mm±0.05mm
	Material	Tinned copper			
FIRE ALARM CABLE					
Voltage Rating	300 V RMS Passed UL 70,000 btu/hr vertical flame test				