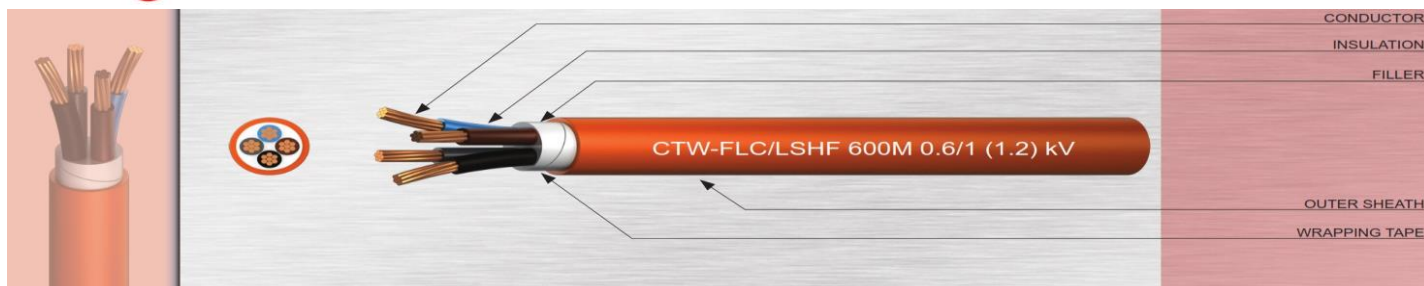




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-FLC/LSHF 600M 0.6/1(1.2)kV

MULTI CORES COPPER CONDUCTOR CROSS-LINKED INSULATED LSHF SHEATHED



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Concentric lay round stranded copper	Preferably used for installation into conduit and open tray whereby a prevention of major fire hazard and the cable offer safety during in case of fire	Maximum conductor temperature 90°C
Insulation	Cross-linked low smoke & halogen free compound Colour : Black with number marking.		Circuit voltage does not exceed 1,000 volts.
Filler	LSHF Rod or Polypropylene (Nonhygroscopic material)		AC test voltage 3.5 kV
Wrapping Tape	Flame retardant tape		
Outer Sheath	Low smoke & Halogen free flame retardant compound (LSHF : ST8) Colour : Black (any colour as requested)		
		REFERENCE	
		IEC 60502-1 : Construction	
		IEC 60332-3 : Flame propagation test category A, B, C	
		IEC 61034 : Smoke emission test	
		IEC 60754-1 : Halogen Content Test	
		IEC 60754-2 : Acid gas emission test	

CTW-FLC/LSHF 600M		Conductor			Thickness of Insulation	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 90°C	Standard Packing
		Nominal Cross-Sectional Area	Number of Wire	Diameter (Approx.)							
		sq.mm	No.	mm							
PRODUCT CODE *	No. of Core										
C02EI024501	2	1.5	7	1.56	0.7	1.8	10.8	165	12.10	1.0209	1,000
C02EI024502		2.5	7	2.01	0.7	1.8	11.0	185	7.41	0.8425	1,000
C02EI024004		4	7	2.52	0.7	1.8	11.9	225	4.61	0.7043	1,000
C02EI024006		6	7	3.09	0.7	1.8	13.1	285	3.08	0.5956	1,000
C02EI024010		10	7	3.99	0.7	1.8	15.3	410	1.83	0.4794	1,000
C02EI034501	3	1.5	7	1.56	0.7	1.8	11.3	185	12.10	1.0209	1,000
C02EI034502		2.5	7	2.01	0.7	1.8	11.7	215	7.41	0.8425	1,000
C02EI034004		4	7	2.52	0.7	1.8	12.6	275	4.61	0.7043	1,000
C02EI034006		6	7	3.09	0.7	1.8	13.8	350	3.08	0.5956	1,000
C02EI034010		10	7	3.99	0.7	1.8	16.4	515	1.83	0.4794	1,000
C02EI044501	4	1.5	7	1.56	0.7	1.8	12.1	220	12.10	1.0209	1,000
C02EI044502		2.5	7	2.01	0.7	1.8	12.6	260	7.41	0.8425	1,000
C02EI044004		4	7	2.52	0.7	1.8	13.7	330	4.61	0.7043	1,000
C02EI044006		6	7	3.09	0.7	1.8	15.0	430	3.08	0.5956	1,000
C02EI044010		10	7	3.99	0.7	1.8	17.8	635	1.83	0.4794	1,000

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C)

Fire resistant & Flame retardant cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-FLC/LSHF 600M 0.6/1(1.2)kV

MULTI CORES COPPER CONDUCTOR CROSS-LINKED INSULATED LSHF SHEATHED

CTW-FLC/LSHF 600M		Conductor			Thickness of Insulation	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 90°C	Standard Packing
		Nominal Cross-Sectional Area	Number of Wire	Diameter (Approx.)							
PRODUCT CODE *	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/Reel
C02EI054501	5	1.5	7	1.56	0.7	1.8	12.5	255	12.10	1.0209	1,000
C02EI054502		2.5	7	2.01	0.7	1.8	13.4	310	7.41	0.8425	1,000
C02EI054004		4	7	2.52	0.7	1.8	14.8	410	4.61	0.7043	1,000
C02EI054006		6	7	3.09	0.7	1.8	16.3	535	3.08	0.5956	1,000
C02EI054010		10	7	3.99	0.7	1.8	19.2	775	1.83	0.4794	1,000
C02EI064501	6	1.5	7	1.56	0.7	1.8	13.1	280	12.10	1.0209	1,000
C02EI064502		2.5	7	2.01	0.7	1.8	14.5	365	7.41	0.8425	1,000
C02EI064004		4	7	2.52	0.7	1.8	16.0	485	4.61	0.7043	1,000
C02EI064006		6	7	3.09	0.7	1.8	17.7	635	3.08	0.5956	1,000
C02EI064010		10	7	3.99	0.7	1.8	20.8	925	1.83	0.4794	1,000
C02EI074501	7	1.5	7	1.56	0.7	1.8	13.1	290	12.10	1.0209	1,000
C02EI074502		2.5	7	2.01	0.7	1.8	14.5	385	7.41	0.8425	1,000
C02EI074004		4	7	2.52	0.7	1.8	16.0	515	4.61	0.7043	1,000
C02EI074006		6	7	3.09	0.7	1.8	17.7	680	3.08	0.5956	1,000
C02EI074010		10	7	3.99	0.7	1.8	20.8	1,000	1.83	0.4794	1,000
C02EI084501	8	1.5	7	1.56	0.7	1.8	14.5	335	12.10	1.0209	1,000
C02EI084502		2.5	7	2.01	0.7	1.8	16.1	440	7.41	0.8425	1,000
C02EI084004		4	7	2.52	0.7	1.8	17.8	590	4.61	0.7043	1,000
C02EI084006		6	7	3.09	0.7	1.8	19.8	780	3.08	0.5956	1,000
C02EI084010		10	7	3.99	0.7	1.8	23.3	1,150	1.83	0.4794	1,000
C02EI094501	9	1.5	7	1.56	0.7	1.8	15.6	370	12.10	1.0209	1,000
C02EI094502		2.5	7	2.01	0.7	1.8	17.3	490	7.41	0.8425	1,000
C02EI094004		4	7	2.52	0.7	1.8	19.2	655	4.61	0.7043	1,000
C02EI094006		6	7	3.09	0.7	1.8	21.4	875	3.08	0.5956	1,000
C02EI094010		10	7	3.99	0.7	1.8	25.2	1,285	1.83	0.4794	1,000
C02EI104501	10	1.5	7	1.56	0.7	1.8	16.2	395	12.10	1.0209	1,000
C02EI104502		2.5	7	2.01	0.7	1.8	18.0	525	7.41	0.8425	1,000
C02EI104004		4	7	2.52	0.7	1.8	20.0	705	4.61	0.7043	1,000
C02EI104006		6	7	3.09	0.7	1.8	22.3	945	3.08	0.5956	1,000
C02EI104010		10	7	3.99	0.7	1.8	26.3	1,395	1.83	0.4794	1,000

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C)

Fire resistant & Flame retardant cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-FLC/LSHF 600M 0.6/1(1.2)kV

MULTI CORES COPPER CONDUCTOR CROSS-LINKED INSULATED LSHF SHEATHED

CTW-FLC/LSHF 600M		Conductor			Thickness of Insulation	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 90°C	Standard Packing
		Nominal Cross-Sectional Area	Number of Wire	Diameter (Approx.)							
PRODUCT CODE *	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/Reel
C02EI114501	11	1.5	7	1.56	0.7	1.8	16.2	415	12.10	1.0209	1,000
C02EI114502		2.5	7	2.01	0.7	1.8	18.0	560	7.41	0.8425	1,000
C02EI114004		4	7	2.52	0.7	1.8	20.0	755	4.61	0.7043	1,000
C02EI114006		6	7	3.09	0.7	1.8	22.3	1,015	3.08	0.5956	1,000
C02EI114010		10	7	3.99	0.7	1.8	26.3	1,510	1.83	0.4794	1,000
C02EI124501	12	1.5	7	1.56	0.7	1.8	16.7	445	12.10	1.0209	1,000
C02EI124502		2.5	7	2.01	0.7	1.8	18.6	600	7.41	0.8425	1,000
C02EI124004		4	7	2.52	0.7	1.8	20.7	815	4.61	0.7043	1,000
C02EI124006		6	7	3.09	0.7	1.8	23.1	1,095	3.08	0.5956	1,000
C02EI124010		10	7	3.99	0.7	1.8	27.2	1,630	1.83	0.4794	1,000
C02EI134501	13	1.5	7	1.56	0.7	1.8	17.5	480	12.10	1.0209	1,000
C02EI134502		2.5	7	2.01	0.7	1.8	19.5	645	7.41	0.8425	1,000
C02EI134004		4	7	2.52	0.7	1.8	21.7	875	4.61	0.7043	1,000
C02EI134006		6	7	3.09	0.7	1.8	24.2	1,180	3.08	0.5956	1,000
C02EI134010		10	7	3.99	0.7	1.8	28.6	1,760	1.83	0.4794	1,000
C02EI144501	14	1.5	7	1.56	0.7	1.8	17.5	500	12.10	1.0209	1,000
C02EI144502		2.5	7	2.01	0.7	1.8	19.5	680	7.41	0.8425	1,000
C02EI144004		4	7	2.52	0.7	1.8	21.7	925	4.61	0.7043	1,000
C02EI144006		6	7	3.09	0.7	1.8	24.2	1,250	3.08	0.5956	1,000
C02EI144010		10	7	3.99	0.7	1.8	28.6	1,870	1.83	0.4794	1,000
C02EI154501	15	1.5	7	1.56	0.7	1.8	17.9	530	12.10	1.0209	1,000
C02EI154502		2.5	7	2.01	0.7	1.8	20.0	725	7.41	0.8425	1,000
C02EI154004		4	7	2.52	0.7	1.8	22.3	990	4.61	0.7043	1,000
C02EI154006		6	7	3.09	0.7	1.8	24.9	1,335	3.08	0.5956	1,000
C02EI154010		10	7	3.99	0.7	1.8	29.4	2,005	1.83	0.4794	1,000
C02EI164501	16	1.5	7	1.56	0.7	1.8	18.4	560	12.10	1.0209	1,000
C02EI164502		2.5	7	2.01	0.7	1.8	20.5	770	7.41	0.8425	1,000
C02EI164004		4	7	2.52	0.7	1.8	22.9	1,050	4.61	0.7043	1,000
C02EI164006		6	7	3.09	0.7	1.8	25.6	1,420	3.08	0.5956	1,000
C02EI164010		10	7	3.99	0.7	1.8	30.2	2,130	1.83	0.4794	1,000

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C)

Fire resistant & Flame retardant cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-FLC/LSHF 600M 0.6/1(1.2)kV

MULTI CORES COPPER CONDUCTOR CROSS-LINKED INSULATED LSHF SHEATHED

CTW-FLC/LSHF 600M		Conductor			Thickness of Insulation	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 90°C	Standard Packing
		Nominal Cross-Sectional Area	Number of Wire	Diameter (Approx.)							
PRODUCT CODE *	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/Reel
C02EI174501	17	1.5	7	1.56	0.7	1.8	19.3	595	12.10	1.0209	1,000
C02EI174502		2.5	7	2.01	0.7	1.8	21.5	815	7.41	0.8425	1,000
C02EI174004		4	7	2.52	0.7	1.8	24.1	1,110	4.61	0.7043	1,000
C02EI174006		6	7	3.09	0.7	1.8	26.9	1,505	3.08	0.5956	1,000
C02EI174010		10	7	3.99	0.7	1.9	32.0	2,275	1.83	0.4794	1,000
C02EI184501	18	1.5	7	1.56	0.7	1.8	19.3	620	12.10	1.0209	1,000
C02EI184502		2.5	7	2.01	0.7	1.8	21.5	850	7.41	0.8425	1,000
C02EI184004		4	7	2.52	0.7	1.8	24.1	1,160	4.61	0.7043	1,000
C02EI184006		6	7	3.09	0.7	1.8	26.9	1,575	3.08	0.5956	1,000
C02EI184010		10	7	3.99	0.7	1.9	32.0	2,390	1.83	0.4794	1,000
C02EI194501	19	1.5	7	1.56	0.7	1.8	19.3	635	12.10	1.0209	1,000
C02EI194502		2.5	7	2.01	0.7	1.8	21.5	875	7.41	0.8425	1,000
C02EI194004		4	7	2.52	0.7	1.8	24.1	1,200	4.61	0.7043	1,000
C02EI194006		6	7	3.09	0.7	1.8	26.9	1,635	3.08	0.5956	1,000
C02EI194010		10	7	3.99	0.7	1.9	32.0	2,480	1.83	0.4794	1,000
C02EI204501	20	1.5	7	1.56	0.7	1.8	20.3	690	12.10	1.0209	1,000
C02EI204502		2.5	7	2.01	0.7	1.8	22.7	950	7.41	0.8425	1,000
C02EI204004		4	7	2.52	0.7	1.8	25.4	1,300	4.61	0.7043	1,000
C02EI204006		6	7	3.09	0.7	1.8	28.5	1,765	3.08	0.5956	1,000
C02EI204010		10	7	3.99	0.7	1.9	33.9	2,680	1.83	0.4794	1,000
C02EI214501	21	1.5	7	1.56	0.7	1.8	20.3	700	12.10	1.0209	1,000
C02EI214502		2.5	7	2.01	0.7	1.8	22.7	960	7.41	0.8425	1,000
C02EI214004		4	7	2.52	0.7	1.8	25.4	1,320	4.61	0.7043	1,000
C02EI214006		6	7	3.09	0.7	1.8	28.5	1,800	3.08	0.5956	1,000
C02EI214010		10	7	3.99	0.7	1.9	33.9	2,735	1.83	0.4794	500
C02EI224501	22	1.5	7	1.56	0.7	1.8	21.4	730	12.10	1.0209	1,000
C02EI224502		2.5	7	2.01	0.7	1.8	23.9	1,005	7.41	0.8425	1,000
C02EI224004		4	7	2.52	0.7	1.8	26.8	1,380	4.61	0.7043	1,000
C02EI224006		6	7	3.09	0.7	1.8	30.0	1,880	3.08	0.5956	1,000
C02EI224010		10	7	3.99	0.7	2.0	35.9	2,880	1.83	0.4794	500

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C)

Fire resistant & Flame retardant cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-FLC/LSHF 600M 0.6/1(1.2)kV

MULTI CORES COPPER CONDUCTOR CROSS-LINKED INSULATED LSHF SHEATHED

CTW-FLC/LSHF 600M		Conductor			Thickness of Insulation	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 90°C	Standard Packing
		Nominal Cross-Sectional Area	Number of Wire	Diameter (Approx.)							
PRODUCT CODE *	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/Reel
C02EI234501	23	1.5	7	1.56	0.7	1.8	21.4	750	12.10	1.0209	1,000
C02EI234502		2.5	7	2.01	0.7	1.8	23.9	1,040	7.41	0.8425	1,000
C02EI234004		4	7	2.52	0.7	1.8	26.8	1,430	4.61	0.7043	1,000
C02EI234006		6	7	3.09	0.7	1.8	30.0	1,950	3.08	0.5956	1,000
C02EI234010		10	7	3.99	0.7	2.0	35.9	2,990	1.83	0.4794	500
C02EI244501	24	1.5	7	1.56	0.7	1.8	22.4	785	12.10	1.0209	1,000
C02EI244502		2.5	7	2.01	0.7	1.8	25.1	1,085	7.41	0.8425	1,000
C02EI244004		4	7	2.52	0.7	1.8	28.1	1,495	4.61	0.7043	1,000
C02EI244006		6	7	3.09	0.7	1.9	31.8	2,055	3.08	0.5956	1,000
C02EI244010		10	7	3.99	0.7	2.1	38.0	3,145	1.83	0.4794	500
C02EI254501	25	1.5	7	1.56	0.7	1.8	22.4	810	12.10	1.0209	1,000
C02EI254502		2.5	7	2.01	0.7	1.8	25.1	1,120	7.41	0.8425	1,000
C02EI254004		4	7	2.52	0.7	1.8	28.1	1,545	4.61	0.7043	1,000
C02EI254006		6	7	3.09	0.7	1.9	31.8	2,130	3.08	0.5956	1,000
C02EI254010		10	7	3.99	0.7	2.1	38.0	3,255	1.83	0.4794	500
C02EI264501	26	1.5	7	1.56	0.7	1.8	22.4	835	12.10	1.0209	1,000
C02EI264502		2.5	7	2.01	0.7	1.8	25.1	1,155	7.41	0.8425	1,000
C02EI264004		4	7	2.52	0.7	1.8	28.1	1,595	4.61	0.7043	1,000
C02EI264006		6	7	3.09	0.7	1.9	31.8	2,200	3.08	0.5956	1,000
C02EI264010		10	7	3.99	0.7	2.1	38.0	3,370	1.83	0.4794	500
C02EI274501	27	1.5	7	1.56	0.7	1.8	22.9	860	12.10	1.0209	1,000
C02EI274502		2.5	7	2.01	0.7	1.8	25.6	1,195	7.41	0.8425	1,000
C02EI274004		4	7	2.52	0.7	1.8	28.8	1,650	4.61	0.7043	1,000
C02EI274006		6	7	3.09	0.7	1.9	32.5	2,275	3.08	0.5956	1,000
C02EI274010		10	7	3.99	0.7	2.1	38.8	3,490	1.83	0.4794	500
C02EI284501	28	1.5	7	1.56	0.7	1.8	23.7	895	12.10	1.0209	1,000
C02EI284502		2.5	7	2.01	0.7	1.8	26.5	1,240	7.41	0.8425	1,000
C02EI284004		4	7	2.52	0.7	1.8	29.8	1,715	4.61	0.7043	1,000
C02EI284006		6	7	3.09	0.7	1.9	33.7	2,360	3.08	0.5956	1,000
C02EI284010		10	7	3.99	0.7	2.1	40.2	3,620	1.83	0.4794	500

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C)

Fire resistant & Flame retardant cable

* This product code is for the cable which have flame propagation test category C (IEC 60332-3 Cat.C) Fire resistant & Flame retardant cable