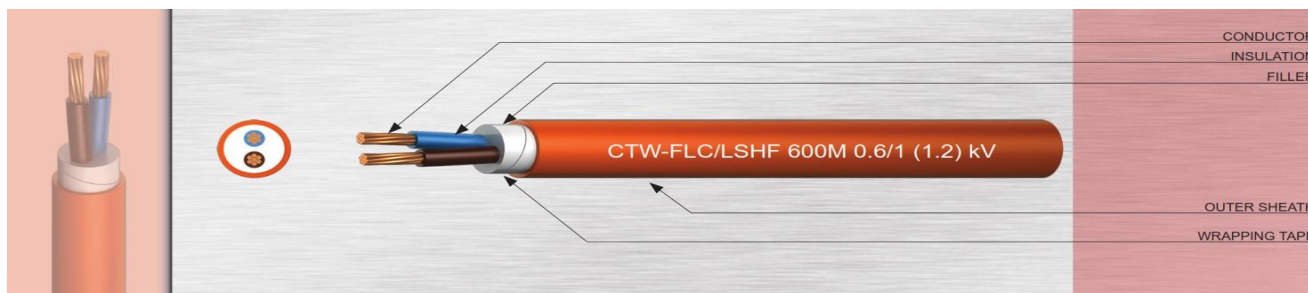




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

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 Circuit voltage does not exceed 1,000 volts. AC test voltage 3.5 kV
Insulation	Cross-linked low smoke & halogen free compound Colour : Blue, Brown		
Filler	LSHF Rod or Polypropylene (Nonhygroscopic material)		
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 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.)							
PRODUCT CODE	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C02BW024501	2	1.5	7	1.56	0.7	1.8	10.8	175	12.1000	1.0209	1,000/R
C02BW024502		2.5	7	2.01	0.7	1.8	11.0	195	7.4100	0.8425	1,000/R
C02BW024004		4	7	2.52	0.7	1.8	11.9	250	4.6100	0.7043	1,000/R
C02BW024006		6	7	3.09	0.7	1.8	13.1	310	3.0800	0.5956	1,000/R
C02BW024010		10	7	3.99	0.7	1.8	15.3	435	1.8300	0.4794	1,000/R
C02BW028016		16	7	4.69	0.7	1.8	17	575	1.1500	0.4164	1,000/R
C02BW028025		25	7	5.90	0.9	1.8	20.0	845	0.7270	0.4244	1,000/R
C02BW028035		35	7	6.95	0.9	1.8	22.1	1,090	0.5240	0.3671	1,000/R
C02BW028050		50	19	8.33	1.0	1.8	25.3	1,430	0.3870	0.3430	1,000/R
C02BW028070		70	19	9.73	1.1	1.8	28.5	1,940	0.2680	0.3249	1,000/R
C02BW028095		95	19	11.45	1.1	2.0	32.4	2,600	0.1930	0.2802	1,000/R
C02BW028120		120	19	12.95	1.2	2.1	36	3,230	0.1530	0.2710	500/R
C02BW028150		150	37	14.27	1.4	2.2	39.7	3,960	0.1240	0.2856	500/R
C02BW028185		185	37	15.98	1.6	2.3	44.1	4,915	0.0991	0.2910	500/R
C02BW028240		240	37	18.47	1.7	2.5	49.9	6,360	0.0754	0.2694	250/R
C02BW028300		300	61	20.68	1.8	2.7	55.2	7,880	0.0601	0.2558	250/R
C02BW028400		400	61	23.39	2.0	2.9	61.9	9,990	0.0470	0.2517	250/R

C = Packing in coil

Fire resistant & Flame retardant cable

R = Packing in reel



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 : Blue, Brown		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 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.)							
PRODUCT CODE	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C02BW034501	3	1.5	7	1.56	0.7	1.8	11.3	200	12.1000	1.0209	1,000/R
C02BW034502		2.5	7	2.01	0.7	1.8	11.6	230	7.4100	0.8425	1,000/R
C02BW034004		4	7	2.52	0.7	1.8	12.6	300	4.6100	0.7043	1,000/R
C02BW034006		6	7	3.09	0.7	1.8	13.8	375	3.0800	0.5956	1,000/R
C02BW034010		10	7	3.99	0.7	1.8	16.2	545	1.8300	0.4794	1,000/R
C02BW038016		16	7	4.69	0.7	1.8	18	730	1.1500	0.4164	1,000/R
C02BW038025		25	7	5.90	0.9	1.8	21.2	1,090	0.7270	0.4244	1,000/R
C02BW038035		35	7	6.95	0.9	1.8	23.5	1,420	0.5240	0.3671	1,000/R
C02BW038050		50	19	8.33	1.0	1.8	27.0	1,875	0.3870	0.3430	1,000/R
C02BW038070		70	19	9.73	1.1	1.9	30.7	2,590	0.2680	0.3249	1,000/R
C02BW038095		95	19	11.45	1.1	2.0	34.6	3,455	0.1930	0.2802	500/R
C02BW038120		120	19	12.95	1.2	2.1	39	4,310	0.1530	0.2710	500/R
C02BW038150		150	37	14.27	1.4	2.3	42.6	5,310	0.1240	0.2856	500/R
C02BW038185		185	37	15.98	1.6	2.4	47.4	6,600	0.0991	0.2910	250/R
C02BW038240		240	37	18.47	1.7	2.6	53.7	8,560	0.0754	0.2694	250/R
C02BW038300		300	61	20.68	1.8	2.8	59.4	10,625	0.0601	0.2558	250/R
C02BW038400		400	61	23.39	2.0	3.1	66.9	13,540	0.0470	0.2517	150/R

C = Packing in coil

Fire resistant & Flame retardant cable

R = Packing in reel



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 : Blue, Brown		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 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.)							
PRODUCT CODE	No. of Core	sq.mm	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C02BW044501	4	1.5	7	1.56	0.7	1.8	12.1	230	12.1000	1.0209	1,000/R
C02BW044502		2.5	7	2.01	0.7	1.8	12.5	275	7.4100	0.8425	1,000/R
C02BW044004		4	7	2.52	0.7	1.8	13.7	360	4.6100	0.7043	1,000/R
C02BW044006		6	7	3.09	0.7	1.8	15.0	460	3.0800	0.5956	1,000/R
C02BW044010		10	7	3.99	0.7	1.8	17.6	675	1.8300	0.4794	1,000/R
C02BW048016		16	7	4.69	0.7	1.8	19	920	1.1500	0.4164	1,000/R
C02BW048025		25	7	5.90	0.9	1.8	23.3	1,380	0.7270	0.4244	1,000/R
C02BW048035		35	7	6.95	0.9	1.8	25.8	1,805	0.5240	0.3671	1,000/R
C02BW048050		50	19	8.33	1.0	1.9	29.9	2,405	0.3870	0.3430	1,000/R
C02BW048070		70	19	9.73	1.1	2.0	34.0	3,330	0.2680	0.3249	500/R
C02BW048095		95	19	11.45	1.1	2.1	38.4	4,460	0.1930	0.2802	500/R
C02BW048120		120	19	12.95	1.2	2.3	43	5,595	0.1530	0.2710	250/R
C02BW048150		150	37	14.27	1.4	2.4	47.3	6,860	0.1240	0.2856	250/R
C02BW048185		185	37	15.98	1.6	2.6	52.9	8,560	0.0991	0.2910	250/R
C02BW048240		240	37	18.47	1.7	2.8	59.9	11,110	0.0754	0.2694	200/R
C02BW048300		300	61	20.68	1.8	3.0	66.4	13,820	0.0601	0.2558	150/R
C02BW048400		400	61	23.39	2.0	3.3	76.4	17,900	0.0470	0.2517	150/R

C = Packing in coil

Fire resistant & Flame retardant cable

R = Packing in reel