

CSA TRAY CABLE (TC)

4X0XXMXXXXXXXXXX

4X SERIES/ VOLTAGE RATING

43	300V PVC	4B	300V FR XLPE (M. CURE)
45	300V FR XLPE (E BEAM)	4C	600V FR XLPE (M. CURE)
46	600V PVC	4D	1000V FR XLPE (M. CURE)
48	600V FR XLPE (E BEAM)	4H	600V FR XLPE LSZH
40	1000V FR XLPE (E BEAM)		

0 ARMOUR

0	UNARMoured
---	------------

X TYPE

1	MULTI-COND	4	QUADS
2	PAIRS	9	OTHER
3	TRIADS		

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

M SEQUENTIAL METRE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	7 STRAND BARE COPPER	4	19 STRAND BARE COPPER	8	CLASS K BARE COPPER
1	7 STRAND TINNED COPPER	5	19 STRAND TINNED COPPER	9	OTHER
2	SOLID BARE COPPER	6	37 STRAND BARE COPPER		
3	SOLID TINNED COPPER	7	37 STRAND TINNED COPPER		

X JACKET COLOUR

0	BLACK	2	RED	4	LIGHT BLUE (I.S.)	6	BROWN	8	GREY
1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER

X JACKET TYPE

0	90-40C FR PVC	8	FR PE LSZH
---	---------------	---	------------

XX SPECIAL

00	STANDARD CONSTRUCTION	4	BONDING CONDUCTOR VARIATION	8	INSULATION VARIATIONS
1	COLOUR CODE CHANGE	55	STOCK	9	JACKET VARIATIONS
2	PHONE WIRE	6	COMPOSITE CONSTRUCTION	Z	TINNED COPPER TAPE
3	TAPE VARIATIONS	7	SPECIAL LONG LENGTH		

Part #
Derivation

6X SERIES/ VOLTAGE RATING

61	150V PVC	66	600V PVC	6C	600V FR XLPE (M. CURE)
62	150V XLPE	68	600V FR XLPE (E BEAM)	6D	1000V FR XLPE (M. CURE)
63	300V PVC	69	600V XLPE	6H	600V FR XLPE LSZH
64	300V XLPE	6A	150V FR XLPE (M. CURE)		
65	300V FR XLPE (E BEAM)	6B	300V FR XLPE (M. CURE)		

X ARMOUR

0	UNARMoured	2	AIA
1	SIA	3	SERVED WIRE ARMOUR

X TYPE

1	MULTI-COND	3	TRIADS	9	OTHER
2	PAIRS	4	QUADS		

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

M SEQUENTIAL METRE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	7 STRAND BARE COPPER	3	SOLID TINNED COPPER	6	37 STRAND BARE COPPER	9	OTHER
1	7 STRAND TINNED COPPER	4	19 STRAND BARE COPPER	7	37 STRAND TINNED COPPER		
2	SOLID BARE COPPER	5	19 STRAND TINNED COPPER	8	CLASS K BARE COPPER		

X JACKET COLOUR

0	BLACK	2	RED	4	LIGHT BLUE (I.S.)	6	BROWN	8	GREY
1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER

X JACKET TYPE

0	90-40C FR PVC	8	FR PE LSZH
7	90-40C FR PVC LAG	9	OTHER

XX SPECIAL

00	STANDARD CONSTRUCTION	4	BONDING CONDUCTOR VARIATION	8	INSULATION VARIATIONS
1	COLOUR CODE CHANGE	55	STOCK	9	JACKET VARIATIONS
2	PHONE WIRE	6	COMPOSITE CONSTRUCTION	Z	TINNED COPPER TAPE
3	TAPE VARIATIONS	7	SPECIAL LONG LENGTH		

Part # Derivation

CSA Teck 90 Cable

8X1XXMXXXXXXXXXX

8X	SERIES/ VOLTAGE RATING					
	86	600V XLPE (RW90)		80	1000V XLPE (RW90)	
X	ARMOUR					
	1	SIA		2	AIA	
1	TYPE					
	1	MULTI-COND				
0	SHIELD					
	0	UNSHIELDED				
M	SEQUENTIAL METRE MARK					
XX	AWG SIZE					
XX	NUMBER OF COMPONENTS					
X	CONDUCTOR STRAND & TYPE					
	0	7 STRAND BARE COPPER		6	37 STRAND BARE COPPER	
	1	7 STRAND TINNED COPPER		7	37 STRAND TINNED COPPER	
	4	19 STRAND BARE COPPER		9	OTHER	
	5	19 STRAND TINNED COPPER				
X	JACKET COLOUR					
	0	BLACK	2	RED	4	LIGHT BLUE (I.S.)
	1	WHITE	3	BLUE	5	ORANGE
	6	BROWN	8	GREY	7	YELLOW
	9	OTHER				
X	JACKET TYPE					
	7	90-40C FR PVC LAG				
XX	SPECIAL					
	00	STANDARD CONSTRUCTION		6	COMPOSITE CONSTRUCTION	
	1	COLOUR CODE CHANGE		7	SPECIAL LONG LENGTH	
	2	PHONE WIRE		8	INSULATION VARIATIONS	
	4	BONDING CONDUCTOR VARIATION		9	JACKET VARIATIONS	
	55	STOCK				

Part #
Derivation

4X1XXMXXXXXXXXDR

CSA VFD Tray Cable (TC)

4X	SERIES/ VOLTAGE RATING									
	48	600V FR XLPE (E BEAM)	4C	600V FR XLPE (M. CURE)						
	40	1000V FR XLPE (E BEAM)	4D	1000V FR XLPE (M. CURE)						
0	ARMOUR									
	0	UNARMoured								
1	TYPE									
	1	MULTI-COND								
X	SHIELD									
	H	SINGLE HELICAL COPPER TAPE	9	OTHER / TIN COPPER BRAID						
M	SEQUENTIAL METRE MARK									
XX	AWG SIZE									
XX	NUMBER OF COMPONENTS									
X	CONDUCTOR STRAND & TYPE									
	0	7 STRAND BARE COPPER	4	19 STRAND BARE COPPER	6	37 STRAND BARE COPPER	8	CLASS K BARE COPPER		
	1	7 STRAND TINNED COPPER	5	19 STRAND TINNED COPPER	7	37 STRAND TINNED COPPER	9	OTHER		
X	JACKET COLOUR									
	0	BLACK	2	RED	4	LIGHT BLUE (I.S.)	6	BROWN	8	GREY
	1	WHITE	3	BLUE	5	ORANGE	7	YELLOW (STANDARD)	9	OTHER
X	JACKET TYPE									
	0	90-40C FR PVC								
DR	SPECIAL									
	DR	AC DRIVE CABLE								

Part #
Derivation

CSA THERMOCOUPLE EXT. CABLE

7XX2XMXXXXXXXXXX

7X	SERIES/ VOLTAGE RATING					
	71	150V PVC	75	300V FR XLPE (E BEAM)	7A	150V FR XLPE (M. CURE)
	72	150V XLPE	76	600V PVC	7B	300V FR XLPE (M. CURE)
	73	300V PVC	78	600V FR XLPE (E BEAM)	7C	600V FR XLPE (M. CURE)
	74	300V XLPE	79	600V XLPE	7H	600V FR XLPE LSZH
X	ARMOUR					
	0	UNARMoured	2	AIA		
	1	SIA	3	SERVED WIRE ARMOUR		
2	TYPE					
	2	PAIRS				
X	SHIELD					
	0	UNSHIELDED			6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
	1	OVERALL ALUM/MYLAR			7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
	2	INDIVIDUAL + OVERALL ALUM/MYLAR			8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
	3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L			9	OTHER / TIN COPPER BRAID
	4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L			H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
	5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE			S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR
M	SEQUENTIAL METRE MARK					
XX	AWG SIZE					
XX	NUMBER OF COMPONENTS					
X	CONDUCTOR STRAND & TYPE					
	0	EX SOLID	4	KX SOLID	8	TX SOLID
	1	EX 7 STRAND	5	KX 7 STRAND	9	TX 7 STRAND
	2	JX SOLID	6	SX SOLID	N	NX SOLID
	3	JX 7 STRAND	7	SX 7 STRAND		
X	JACKET COLOUR					
	0	BLACK (JX)	2	RED	4	LIGHT BLUE
	1	WHITE	3	BLUE (TX)	5	ORANGE (NX)
					6	BROWN
					7	YELLOW (KX)
					8	GREY
					9	OTHER (EX, SX)
X	JACKET TYPE					
	0	90-40C FR PVC			8	FR PE LSZH
	7	90-40C FR PVC LAG			9	OTHER
XX	SPECIAL					
	00	STANDARD CONSTRUCTION			6	COMPOSITE CONSTRUCTION
	1	COLOUR CODE CHANGE			7	SPECIAL LONG LENGTH
	2	PHONE WIRE			8	INSULATION VARIATIONS
	3	TAPE VARIATIONS			9	JACKET VARIATIONS
	4	BONDING CONDUCTOR VARIATION			Z	TINNED COPPER TAPE
	55	STOCK				

Part #
Derivation

7X SERIES/ VOLTAGE RATING

73	300V PVC	7B	300V FR XLPE (M. CURE)
75	300V FR XLPE (E BEAM)	7C	600V FR XLPE (M. CURE)
76	600V PVC	7H	600V FR XLPE LSZH
78	600V FR XLPE (E BEAM)		

0 ARMOUR

0	UNARMoured
---	------------

2 TYPE

2	PAIRS
---	-------

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

M SEQUENTIAL METRE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	EX SOLID	4	KX SOLID	8	TX SOLID
1	EX 7 STRAND	5	KX 7 STRAND	9	TX 7 STRAND
2	JX SOLID	6	SX SOLID	N	NX SOLID
3	JX 7 STRAND	7	SX 7 STRAND		

X JACKET COLOUR

0	BLACK (JX)	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
1	WHITE	3	BLUE (TX)	5	ORANGE (NX)	7	YELLOW (KX)	9	OTHER (EX, SX)

X JACKET TYPE

0	90-40C FR PVC	9	OTHER
8	FR PE LSZH		

XX SPECIAL

00	STANDARD CONSTRUCTION	7	SPECIAL LONG LENGTH
1	COLOUR CODE CHANGE	8	INSULATION VARIATIONS
2	PHONE WIRE	9	JACKET VARIATIONS
3	TAPE VARIATIONS	T	FOR TRAY CABLE 600V
4	BONDING CONDUCTOR VARIATION	T8	FOR TRAY CABLE 300V
55	STOCK	Z	TINNED COPPER TAPE
6	COMPOSITE CONSTRUCTION		

Part #
Derivation

UL VFD TRAY CABLE (TC)

2X01XUXXXXXXXXDR

2X	SERIES/ VOLTAGE RATING					
	2C	600V FR XLPE (XHHW-2)	2R	600V FR XLPE (RHW-2)		
	2V	600V FR XLPE (XHHW-2) (VW-1)	2K	2000V FR XLPE (RHW-2)		
0	ARMOUR					
	0	UNARMoured				
1	TYPE					
	1	MULTI-COND				
X	SHIELD					
	H	SINGLE HELICAL COPPER TAPE			9	OTHER / TIN COPPER BRAID
U	SEQUENTIAL FOOTAGE MARK					
XX	AWG SIZE					
XX	NUMBER OF COMPONENTS					
X	CONDUCTOR STRAND & TYPE					
	0	7 STRAND BARE COPPER	6	37 STRAND BARE COPPER		
	1	7 STRAND TINNED COPPER	7	37 STRAND TINNED COPPER		
	4	19 STRAND BARE COPPER	8	CLASS K BARE COPPER		
	5	19 STRAND TINNED COPPER	9	OTHER		
X	JACKET COLOUR					
	0	BLACK	2	RED	4	LIGHT BLUE (I.S.)
	1	WHITE	3	BLUE	5	ORANGE
					6	BROWN
					7	YELLOW (STANDARD)
					8	GREY
					9	OTHER
X	JACKET TYPE					
	0	90-40C FR PVC	6	90C HYPALON		
	4	90C THERMOPLASTIC CPE	7	90C FR PVC LAG		
DR	SPECIAL					
	DR	AC DRIVE CABLE				

Part #
Derivation

2X SERIES/ VOLTAGE RATING

23	300V FR PVC	2W	300V FR XLPE (VW-1)
2X	300V FR XLPE	2T	300V TPE

X ARMOUR

0	UNARMoured	4	ZETBON	6	AIA
3	SERVED WIRE ARMOUR	5	SIA		

X TYPE

1	MULTI-COND	3	TRIADS	9	OTHER
2	PAIRS	4	QUADS		

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

U SEQUENTIAL FOOTAGE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	7 STRAND BARE COPPER	4	19 STRAND BARE COPPER	8	CLASS K BARE COPPER
1	7 STRAND TINNED COPPER	5	19 STRAND TINNED COPPER	9	OTHER
2	SOLID BARE COPPER	6	37 STRAND BARE COPPER		
3	SOLID TINNED COPPER	7	37 STRAND TINNED COPPER		

X JACKET COLOUR

0	BLACK	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER

X JACKET TYPE

0	90-40C FR PVC	4	90C CPE	7	90C FR PVC LAG
2	90C FR PVC (SPECIAL 210,00 BTU)	6	90C HYPALON	T	TPE (TPE Insulation only)

XX SPECIAL

00	STANDARD CONSTRUCTION	6	COMPOSITE CONSTRUCTION
1	COLOUR CODE CHANGE	7	SPECIAL LONG LENGTH
2	PHONE WIRE	8	INSULATION VARIATIONS
3	TAPE VARIATIONS	9	JACKET VARIATIONS
4	DRAIN WIRE/BOND COND.VAR.	Z	TINNED COPPER TAPE
55	STOCK		

Part #
Derivation

UL TRAY CABLE (TC)

XX0XXUXXXXXXXXXX

XX		SERIES/ VOLTAGE RATING	
29	PVC/NYLON TFN/TFN (18 TO 16AWG) THHN/THWN (14 TO 10AWG)	NC	600V FR XLPE THINNER INSULATION (NON VW-1)
2C	600V FR XLPE (NON VW-1) (XHHW-2)	NV	600V FR XLPE THINNER INSULATION (VW-1)
2V	600V FR XLPE (XHHW-2) (VW-1)	JC	600V FR XLPE (NON VW-1) THINNER JACKET
2R	600V FR XLPE (RWH-2)	JV	600V FR XLPE (VW-1) THINNER JACKET
2K	2000V FR XLPE (RWH-2)	BC	600V FR XLPE (NON VW-1) THINNER INSULATION AND JACKET
0		ARMOUR	
0	UNARMoured		
1		TYPE	
1	MULTI-COND	4	QUADS
2	PAIRS	9	OTHER
3	TRIADS		
X		SHIELD	
0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR
U		SEQUENTIAL FOOTAGE MARK	
XX		AWG SIZE	
XX		NUMBER OF COMPONENTS	
X		CONDUCTOR STRAND & TYPE	
0	7 STRAND BARE COPPER	3	SOLID TINNED COPPER
1	7 STRAND TINNED COPPER	4	19 STRAND BARE COPPER
2	SOLID BARE COPPER	5	19 STRAND TINNED COPPER
6	37 STRAND BARE COPPER	7	37 STRAND TINNED COPPER
9	OTHER	8	CLASS K BARE COPPER
X		JACKET COLOUR	
0	BLACK	2	RED
1	WHITE	3	BLUE
4	LIGHT BLUE (I.S.)	5	ORANGE
6	BROWN	7	YELLOW (STANDARD)
8	GREY	9	OTHER
X		JACKET TYPE	
0	90-40C FR PVC	4	90C CPE
1	90-25C FR PVC	6	90C HYPALON
7	90C FR PVC LAG		
XX		SPECIAL	
00	STANDARD CONSTRUCTION	4	BONDING CONDUCTOR VARIATION
1	COLOUR CODE CHANGE	55	STOCK
2	PHONE WIRE	6	COMPOSITE CONSTRUCTION
3	TAPE VARIATIONS	7	SPECIAL LONG LENGTH
8	INSULATION VARIATIONS	9	JACKET VARIATIONS
Z	TINNED COPPER TAPE		

Part #
Derivation

7X SERIES/ VOLTAGE RATING

7P	300V FR PVC(20 TO 16AWG)	7X	300V FR XLPE (M.CURE) (20 TO 16AWG)
7N	600V PVC/NYLON (TFN/TFFN 18 TO 16AWG)	7W	300V FR XLPE (VW-1) (20 TO 16AWG)
7V	600V FR XLPE (VW-1) (18 TO 16AWG)	7T	300V TPE
7C	600V FR XLPE (M.CURE) (18 TO 16AWG)		

X ARMOUR

0	UNARMoured	4	ZETABON	6	AIA
3	SERVED WIRE ARMOUR	5	SIA		

X TYPE

2	PAIRS
---	-------

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

U SEQUENTIAL FOOTAGE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	EX SOLID	4	KX SOLID	8	TX SOLID
1	EX 7 STRAND	5	KX 7 STRAND	9	TX 7 STRAND
2	JX SOLID	6	SX SOLID	N	NX SOLID
3	JX 7 STRAND	7	SX 7 STRAND		

X JACKET COLOUR

0	BLACK (JX)	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
1	WHITE	3	BLUE (TX)	5	ORANGE (NX)	7	YELLOW (KX)	9	OTHER (EX, SX)

X JACKET TYPE

0	90-40C FR PVC	4	90C CPE	T	TPE (TPE INSULATION ONLY)
1	90-25C FR PVC	6	90C HYPALON		
2	90C FR PVC (SPECIAL 210,00 BTU)	7	90-40C FR PVC LAG		

XX SPECIAL

00	STANDARD CONSTRUCTION	55	STOCK	Z	TINNED COPPER TAPE
1	COLOUR CODE CHANGE	6	COMPOSITE CONSTRUCTION	N	C OR V -600V THINNER INSUL
2	PHONE WIRE	7	SPECIAL LONG LENGTH	J	C or V-600V Non VW-1 or VW-1 THINNER JACKET
3	TAPE VARIATIONS	8	INSULATION VARIATIONS	B	C OR V -600V THINNER INSUL & JACKET
4	BONDING CONDUCTOR VARIATION	9	JACKET VARIATIONS		

Derivation Part #

UL METAL CLAD CABLE (MC)

2XXXXUXXXXXX7XX

2X SERIES/ VOLTAGE RATING

29	600V PVC/NYLON TFN/TFFN (18 TO 16AWG) THHN/THWN (14 TO 4/0AWG)	2V	600V FR XLPE (XHHW-2) (VW-1)	2K	2000V FR XLPE (RHW-2)
2C	600V FR XLPE (XHHW-2)	2R	600V FR XLPE (RHW-2)		

X ARMOUR

5	SIA	7	LOOSE AIA
6	AIA	9	LOOSE SIA

X TYPE

1	MULTI-COND	3	TRIADS	9	OTHER
2	PAIRS	4	QUADS		

X SHIELD

0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR

U SEQUENTIAL FOOTAGE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	7 STRAND BARE COPPER	5	19 STRAND TINNED COPPER	8	CLASS K BARE COPPER
1	7 STRAND TINNED COPPER	6	37 STRAND BARE COPPER	9	OTHER
4	19 STRAND BARE COPPER	7	37 STRAND TINNED COPPER		

X JACKET COLOUR

0	BLACK	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER

7 JACKET TYPE

7	90C FR PVC LAG
---	----------------

XX SPECIAL

00	STANDARD CONSTRUCTION	6	COMPOSITE CONSTRUCTION
1	COLOUR CODE CHANGE	7	SPECIAL LONG LENGTH
2	PHONE WIRE	8	INSULATION VARIATIONS
3	TAPE VARIATIONS	9	NO INNER JKT / JACKET VARIATIONS
4	BONDING CONDUCTOR VARIATION	Z	TINNED COPPER TAPE
55	STOCK		

Part #
Derivation

AX	SERIES/ VOLTAGE RATING									
	A6	600V FR PVC		AT	600V TPE					
0	ARMOUR									
	0	UNARMoured								
X	TYPE									
	1	MULTI-COND	4	QUADS (SPECIAL)						
	2	PAIRS (SPECIAL)	9	OTHER (SPECIAL)						
	3	TRIADS (SPECIAL)								
X	SHIELD									
	0	UNSHIELDED		2	INDIVIDUAL + OVERALL ALUM/MYLAR (SPECIAL)					
	1	OVERALL ALUM/MYLAR (SPECIAL)		9	OTHER / TIN COPPER BRAID					
U	SEQUENTIAL FOOTAGE MARK									
XX	AWG SIZE									
XX	NUMBER OF COMPONENTS									
X	CONDUCTOR STRAND & TYPE									
	A	FLEXAR UF (ROPE LAY)		C	FLEXAR SF (K-STRANDING)					
	B	FLEXAR EF (K-STRANDING)		F	FLEXAR SF (M-STRANDING)					
X	JACKET COLOUR									
	0	BLACK	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
	1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER
X	JACKET TYPE									
	1	90C FR PVC (FT-1) (WITH PVC INSULATION)		P	90C PUR (FT-1) (WITH TPE OR PVC INSULATION)					
	2	90C FR PVC (FT-4) (WITH PVC INSULATION)								
XX	SPECIAL									
	00	STANDARD CONSTRUCTION		6	COMPOSITE CONSTRUCTION					
	1	COLOUR CODE CHANGE		7	SPECIAL LONG LENGTH					
	4	BONDING CONDUCTOR VARIATION		8	INSULATION VARIATIONS					
	55	STOCK		9	JACKET VARIATIONS					

Part #
Derivation

SHIPBOARD CABLE (IEEE 1580 & IEC 60092-350)

SXXXXUXXXXXXXXXX

SX SERIES/ VOLTAGE RATING

SN	300V PVC/NYLON	SX	300V FR XLPE	SW	150V/250V XLPE (IEC 60092-350)
S9	600V/1000V PVC/NYLON	SY	600V/1000V FR XLPE	S6	600V/1000V PVC (IEC 60092-350)
ST	300V FR PVC	SZ	2000V FR XLPE	S3	150V/250V PVC (IEC 60092-350)
SU	600V/1000V FR PVC	SV	600V/1000V XLPE (IEC 60092-350)		

X ARMOUR

0	UNARMoured	B	BRONZE BRAID ARMOUR
A	ALUM. BRAID ARMOUR	C	TIN COPPER BRAID ARMOUR

X TYPE

1	MULTI-COND	3	TRIADS	9	OTHER
2	PAIRS	4	QUADS		

X SHIELD

0	UNSHIELDED	2	INDIVIDUAL + OVERALL ALUM/MYLAR
1	OVERALL ALUM/MYLAR	9	OTHER / TIN COPPER BRAID

U SEQUENTIAL FOOTAGE MARK

XX AWG SIZE

XX NUMBER OF COMPONENTS

X CONDUCTOR STRAND & TYPE

0	7 STRAND BARE COPPER	3	SOLID TINNED COPPER	6	37 STRAND BARE COPPER	9	OTHER
1	7 STRAND TINNED COPPER	4	19 STRAND BARE COPPER	7	37 STRAND TINNED COPPER		
2	SOLID BARE COPPER	5	19 STRAND TINNED COPPER	8	CLASS K BARE COPPER		

X JACKET COLOUR

0	BLACK	2	RED	4	LIGHT BLUE	6	BROWN	8	GREY
1	WHITE	3	BLUE	5	ORANGE	7	YELLOW	9	OTHER

X JACKET TYPE

0	90C FR PVC	6	90C FR HYPALON (BLACK ONLY)
---	------------	---	-----------------------------

XX SPECIAL

00	STANDARD CONSTRUCTION	55	STOCK
1	COLOUR CODE CHANGE	7	SPECIAL LONG LENGTH
4	BONDING CONDUCTOR VARIATION	8	INSULATION VARIATIONS
6	COMPOSITE CONSTRUCTION	9	JACKET VARIATIONS

Part #
Derivation

5X SERIES/ VOLTAGE RATING					
51	150V LAG PVC	58	600V FR XLPE (NUC RW90)	5D	1000V Non VW-1 ICEA
57	150V FR XLPE (NUC RW90)	5X	300V Non VW-1 XLPE ICEA	5M	1000V VW-1 ICEA
53	300V LAG PVC	5W	300V VW-1 XLPE ICEA	5K	2000V VW-1 ICEA
55	300V FR XLPE (NUC RW90)	5C	600V Non VW-1 XLPE ICEA	5K	2000V Non VW-1 ICEA
56	600V LAG PVC	5V	600V VW-1 XLPE ICEA		
X ARMOUR					
0	UNARMoured	1	SIA	2	AIA
X TYPE					
1	MULTI-COND	3	TRIADS	9	OTHER
2	PAIRS	4	QUADS		
X SHIELD					
0	UNSHIELDED	6	INDIVIDUAL AL/MYLAR + OVERALL LONGITUDINAL CORRUGATED 5MIL COPPER TAPE		
1	OVERALL ALUM/MYLAR	7	OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L		
2	INDIVIDUAL + OVERALL ALUM/MYLAR	8	INDIVIDUAL AL/MYLAR + OVERALL DUAL HELICAL "GAP STYLE" 5MIL COPPER TAPE 42% O/L		
3	OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	9	OTHER / TIN COPPER BRAID		
4	INDIVIDUAL AL/MYLAR + OVERALL DUAL INTERCALATED 5MIL COPPER TAPE 25% O/L	H	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L		
5	OVERALL LONGITUDIAL CORRUGATED 5MIL COPPER TAPE	S	SINGLE HELICAL COPPER TAPE 5MIL 25% O/L WITH INDIVIDUAL AL/MYLAR		
U SEQUENTIAL FOOTAGE MARK					
XX AWG SIZE					
XX NUMBER OF COMPONENTS					
X CONDUCTOR STRAND & TYPE					
0	7 STRAND BARE COPPER	3	SOLID TINNED COPPER	6	37 STRAND BARE COPPER
1	7 STRAND TINNED COPPER	4	19 STRAND BARE COPPER	7	37 STRAND TINNED COPPER
2	SOLID BARE COPPER	5	19 STRAND TINNED COPPER	8	CLASS K BARE COPPER
9	OTHER				
X JACKET COLOUR					
0	BLACK	2	RED	4	LIGHT BLUE
1	WHITE	3	BLUE	5	ORANGE
6	BROWN		8	GREY	
7	YELLOW		9	OTHER	
X JACKET TYPE					
0	90-40C FR PVC (FT4 / IEEE 1202)	3	90 – 30C FR PVC LAG	7	90C FR PVC LAG
1	90 –25C FR PVC (FT4 / IEEE 1202)	6	90C HYPALON	9	OTHER
XX SPECIAL					
00	STANDARD CONSTRUCTION		6	COMPOSITE CONSTRUCTION	
1	COLOUR CODE CHANGE		7	SPECIAL LONG LENGTH	
2	PHONE WIRE		8	INSULATION VARIATIONS	
3	TAPE VARIATIONS		9	JACKET VARIATIONS	
4	BONDING CONDUCTOR VARIATION		Z	TINNED COPPER TAPE	
55	STOCK				

Part # Derivation