

UNIVERSAL CABLE (M) BERHAD

(Company No. : 7042-D)

A) CU/XLPE/LSOH/SWA/LSOH Cable (600/1000 V)

Customer : Fair Edge Industrial Supply Sdn Bhd
Document No. : Z-T-SA19-0006-LV-ADD1-R2
Revision : 2

CRF No. : SA19-0806
Date : 20-Jan-2020

Schedule Of Technical Particulars

No.	ITEM	UNIT	2
1	SPECIFICATION		2C x 2.5mm ² Refer to IEC 60502
2	VOLTAGE, U ₀ / U	V	600/1000
3	CONDUCTOR		
	- Material		Plain Annealed Copper Wire, IEC 60228 Class 2
	- No of core		2
	- Nominal area	mm ²	2.5
	- Min no. of wire in conductor	No.	7
	- Shape		Circular Stranded
	- Conductor diameter	mm	2.0
4	INSULATION		
	- Material		Cross-linked Polyethylene, XLPE
	- Nominal thickness	mm	0.7
	- Minimum thickness	mm	0.53
	- Diameter over insulation	mm	3.4
	- Colour / identification		Red, Black
5	DIAMETER OF LAID UP CORE	mm	6.8
6	BEDDING		
	- Material		Low Smoke Zero Halogen Compound, LSOH (Black)
	- Nominal thickness	mm	1.0
	- Minimum thickness	mm	0.60
	- Diameter over bedding	mm	8.9
7	ARMOURING		
	- Material		Galvanised Steel Round Wire
	- Wire diameter	mm	0.9
	- Diameter over armouring	mm	10.7
8	OUTER SHEATH		
	- Material		Flame Retardant Low Smoke Zero Halogen Compound, LSOH to IEC 60332-3-22 with Anti Termite & Anti Rodent (Black)
	- Nominal thickness	mm	1.8
	- Minimum thickness	mm	1.24
9	INK-JET PRINTING (WHITE)		UCMB 600/1000V XLAL-AT-AR 2CX2.5SQMM <Year> IEC60332-3-22
10	COMPLETED CABLE		
	- Approximate overall diameter	mm	14.3
	- Approximate cable weight	kg/km	390
	- Drum type		Wooden Drum
	- Packing length per drum	m	1,000
	- Drum size	mm x mm	1050 x 675
	- Gross weight	kg/drum	470
11	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C	Ohm/km	7.41

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Albert A Gayle



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