

บริษัท เจ.เอส.แอล. ไวร์ เทคโนโลยี จำกัด

J.S.L. WIRE TECHNOLOGY CO.LTD.

TECHANICAL SPECIFICATION

MODEL : PVC INSULATED AND SHEATHED CABLE

RATING : 80 °C , 300V

TYPE : STYLE 2464

SIZE : 24 AWG X 16 C + A + E + B

STANDARD : REF : UL758

PRODUCT CODE : U6424168B1

<Remark : Please identify product code and cable color in purchase order >

CUSTOMER : ELECTRONICS SOURCE CO., LTD.

REVISION RECORD :

DATE	REV.	REVISION DESCRIPTION	PAGE
3/2/2016	1.0	-Start issue specification.	

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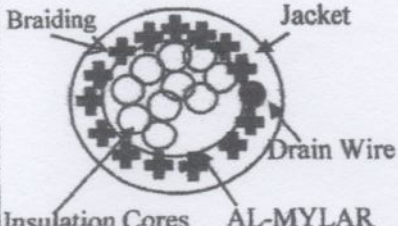
TECHNICAL SPECIFICATION

ELECTRICAL PROPERTIES :			
Conductor Resistance at 20 ⁰ C (Maximum)		89.10 Ohm / Km	
Insulation Resistance at 20 ⁰ C (Minimum)		5 Mohm-km	
Dielectric Withstand Voltage (AC Voltage)		AC	2.0 KV/ MINUTE (NO BROKEN)
Spark Test Voltage		4 KV	
MECHANICAL PROPERTIES:			
Insulation	UNAGED	Tensile Strength	3000 PSI (2.10 Kg/mm ²) (MINIMUM)
		Elongation at Break	100 % (MINIMUM)
	AGED	Tensile Strength	UNAGED MINIMUM 70% (113±2 °C x 168 HRS)
		Elongation at Break	UNAGED MINIMUM 65% (113±2 °C x 168 HRS)
Sheath (Jacket)	UNAGED	Tensile Strength	1500 PSI (1.05 Kg/mm ²) (MINIMUM)
		Elongation at Break	100 % (MINIMUM)
	AGED	Tensile Strength	UNAGED MINIMUM 70% (113±2 °C x 168 HRS)
		Elongation at Break	UNAGED MINIMUM 45% (113±2 °C x 168 HRS)
Deformation Test		MAXIMUM 50% (121±2 °C , 1 HR)	
Heat Shock Test of Cable		(120 °C , 1 HR., 6 turns) NO CRACK	
Cold Bend Test		(-10±2 °C , 1 HR) NO CRACK	
FLAME TEST		VW-1 O.K	
Surface Mark on Jacket:			
STYLE 2464 AWG 24 X 16 C Shield + AL-Mylar 80 ⁰ C 300V VW-1SC Kuwes			

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TECHANICAL SPECIFICATION

MODEL	PVC INSULATED AND SHEATHED CABLE	Cable Drawing: Scale: None 
RATING	80 °C 300V	
TYPE	STYLE 2464	
SIZE	24 AWG X 16 C + A + E + B	
STANDARD	REF : UL 758	
APPLICATION	The product is compliance with RoHS requirement. The product is suitable application for temperature and voltage not exceeding wiring system at dry location and apply for data transfer of electronic equipment.	
Technical Data:		
Conductor Maerial	TC (TINNED STRANDS COPPER)	
Conductor NO. / Diameter (mm)	7 / 0.203 ± 0.005 mm	
Minimum Average Thickness of Insulation (mm)	0.25 mm	
Minimum Thickness at Any Place of Insulation (mm)	0.23 mm	
Insulation Material	LEAD FREE SR-PVC	
Insulation Color :	See detail color at Page 3 / 3.	
Diameter of Insulation (mm)	1.10 ± 0.08 mm	
ASSEMBLY STRANDED	16 CORES STRANDED WITH AL-MYLAR WRAPPING	
BRAIDING (TCU) (Gps/ No./ d) mm ; Drain Wire (No./mm)	24 / 7 / 0.120 mm (TCU) ; 7 / 0.200 mm	
Minimum Average Thickness of Sheath (Jacket) (mm)	0.76 mm	
Minimum Thickness at Any Place of Sheath (Jacket) (mm)	0.69 mm	
Sheath (Jacket) Material	LEAD FREE PVC	
Sheath (Jacket) Color	GRAY OR OTHER COLOR	
Overall Diameter of Cable (mm)	7.50 ± 0.20 mm	

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**** NOTE: INSULATION CORE COLOR:**

BK (BLACK) , WT (WHITE), RD (RED), YL (YELLOW), BL (BLUE) ,
GR (GREEN) , BR (BROWN), OR (ORANGE), VL (VIOLET) , GY (GRAY),
PK (PINK) , L-GN (LIGHT GREEN),
WT / BK , RD / BK , YL / BK , BL / BK .

(BASE COLOR/ STRIPE COLOR)

