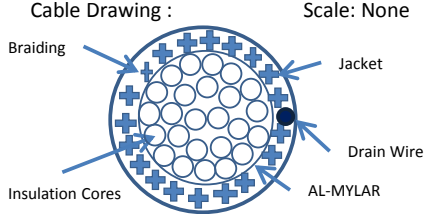


บริษัท เจ.เอส.แอล. ไวร์ เทคโนโลยี จำกัด

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

**TECHNICAL SPECIFICATION**

MODEL	PVC INSULATED AND SHEATHED CABLE	Cable Drawing : <span style="float: right;">Scale: None</span> 
RATING	80 °C 300 V	
TYPE	<b>STYLE 2464</b>	
SIZE	<b>24 AWG X 25 C + A + E + B</b>	
STANDARD	REF: UL758	
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 Material	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:	White-Pink, Yellow-Pink, Pink-Yellow, Gray, White-Black, White-Green, Violet, Light Gray, Pink, Orange-White, Black, Brown, Gray-White, Brown-White, Brown-White, Violet-White, Red-White, Blue-White, Blue, Yellow, Green-White, White, Green, Red and Orange
Diameter of Insulation (mm)	1.10±0.08 mm
ASSEMBLY STRANDED	<b>25 CORES STRANDED WITH AL-MYLAR WRAPPING</b>
BRAIDING(TCU)(Gps/No./d) mm; Drain Wire(No./mm)	24/11/0.120mm(TCU); 7/0.200mm
Minimum Average Thickness of Sheath(Jacket)(mm)	0.76 mm
Minimum Average at Any Place of Sheath(Jacket)(mm)	0.69
Sheath (Jacket) Material	LEAD FREE PVC
Sheath (Jacket) Color	GRAY OR OTHER COLOR
Overall Diameter of Cable (mm)	9 mm

**ELECTRICAL PROPERTIES:**

Conductor Resistance at 20C(Maximum)	89.10 Ohm/Km
Insulation Resistance at 20C(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 <sup>2</sup> )(MINIMUM)
		Elongation at Break	100 % (MINIMUM)
	AGED	Tensile Strength	UNAGED MINIMUM 70% (113±2°C x 168HRS)
		Elongation at Break	UNAGED MINIMUM 65% (113±2°C x 168HRS)
Sheath (Jacket)	UNAGED	Tensile Strength	1500 PSI (2.10 Kg/mm <sup>2</sup> )(MINIMUM)
		Elongation at Break	100 % (MINIMUM)
	AGED	Tensile Strength	UNAGED MINIMUM 70% (113±2°C x 168HRS)
		Elongation at Break	UNAGED MINIMUM 45% (113±2°C x 168HRS)
Deformation Test		MAXIMUM 50% (121±2°C x 1HRS)	
Heat Shock Test of Cable		(120°C, 1HRS, 6 turns) NO CRACK	
Cold Bend Test		(-10±2°C, 1HRS) NO CRACK	
FLAME TEST		VW-1 O.K.	

Surface Mark on Jacket:

**STYLE 2464 AWG 24 X 25 C Shield + AL Mylar 80 °C 300V VW-1SC Dynacom**