

# Alarm Cable



## **Supercomal Technologies Berhad (STB)**

(197527-H) (A MESDAQ Listed Company)

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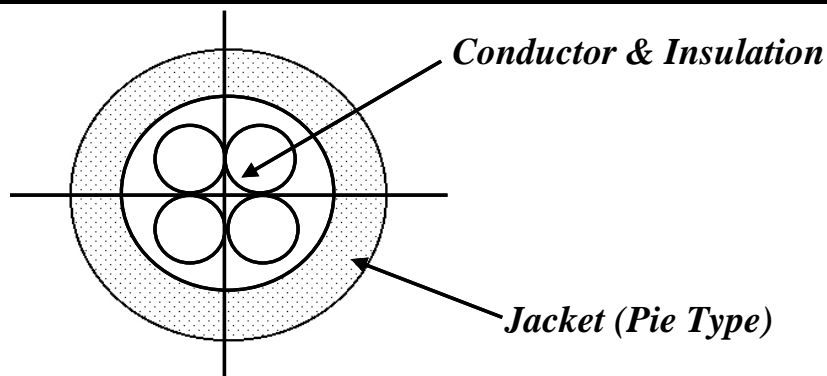
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Designer: Jerry Shiue

## **Other constructions available:-**

- **Patch cord cable**
- **SFTP**
- **IEEE 1394 Cable**
- **Fibre Cable**



**WIRE CONFIGURATION & MATERIAL**

<i>Style and Rating</i>		<i>General Round Shape Cable</i>
<i>Conductor</i>	<i>Material</i>	<i>Tinned Annealed Copper Wire</i>
	<i>Configuration</i>	<i>7/0.160mm (0.152mm Min.)</i>
	<i>Stranded Pitch</i>	<i>15mm Max</i>
	<i>Stranded Diameter</i>	<i>About 0.49mm</i>
<i>Insulation</i>	<i>Material</i>	<i>Polyvinyl Chloride (6H)</i>
	<i>Minimum Thickness</i>	<i>0.229mm (Average)</i>
		<i>0.178mm (At any point)</i>
	<i>Diameter</i>	<i>1.20 ± 0.10mm</i>
<i>Colour</i>	<i>White, Orange, Green, Black</i>	
<i>Filler (Material)</i>		<i>Powder or Silicon</i>
<i>Jacket</i>	<i>Material</i>	<i>Polyvinyl Chloride (6C)</i>
	<i>Minimum Thickness</i>	<i>0.500mm (Average)</i>
		<i>0.450mm (At any point)</i>
<i>Colour</i>	<i>White</i>	
<i>Finished Diameter</i>		<i>4.20 ± 0.10mm</i>

**WIRE TESTING STANDARD**

<i>Cable</i>	<i>Style</i>	<i>General Round Shape Cable</i>
	<i>Rating</i>	<i>60°C 30V</i>
	<i>Specification</i>	<i>Please refer to Cable Configuration</i>
<i>Conductor Resistance</i>		<i>Under 152.21 ohm/KM at 25°C</i>
<i>Insulation Resistance (In Water)</i>		<i>Above 5.00 Mohm/KM at 20°C</i>
<i>Dielectric Strength (In Air AC 1500V)</i>		<i>After 1 minute, no damage or break down</i>
<i>Spark Test</i>	<i>Insulation AC2000V</i>	<i>After 0.15 seconds, no damage or break down</i>
	<i>Jacket AC5000V</i>	
<i>Flame Test (Whole Cable)</i>		<i>Cable does not burn exceed 60 seconds and no burning particles fall from the cable</i>
<i>Insulation (Unaged)</i>	<i>Elongation</i>	<i>Above 100%</i>
	<i>Tensile Strength</i>	<i>Above 1.05kgf</i>
<i>Jacket (Unaged)</i>	<i>Elongation</i>	<i>Above 100%</i>
	<i>Tensile Strength</i>	<i>Above 1.05kgf</i>
<i>Deformation Test 121°C / 1 Hr / 250g</i>		<i>Not decreasing more than 50%</i>
<i>Heat - Shock Test 121°C / 1 Hr / 6 Turns</i>		<i>Not showing any cracks</i>
<i>Cold - Bend Test -10°C / 1 Hr / 6 Turns</i>		<i>Not showing any cracks</i>

*Printing reel No. & contents : None*