

## FEATURES

- ✓ Compliant LV markings, as per AS 1670.2018
- ✓ Double insulated red outer sheath marked as “Fire Alarm cable”
- ✓ White stripe for speaker applications
- ✓ Easy to strip, install & terminate
- ✓ AS/CA S008 compliant
- ✓ ActivFire certified
- ✓ Independently certified to meet GBCA requirements
- ✓ Best Environment Practice PVC v 2.0 certified
- ✓ Vinyl Council Australia licensed
- ✓ Meter markings
- ✓ 200m and 500m Rolls
- ✓ Mechanical protection - WSX1 (AS 1670.1.2018 - now mandatory)



## PRODUCT DESCRIPTION

FireSense flat TPS cables are ideally suited for cabling from the Fire Alarm, OWS and EWIS panels to detectors, speakers, horns, strobes, field modules, etc. The white stripe flat TPS became available to allow the installer to distinguish between speaker and detector circuit. FireSense TPS cables are double insulated and have an outer sheath which is easy to strip and terminate. It is the only TPS cable in Australia to be ActivFire Certified.

Also available is a twisted cable for the cabling between addressable fire panels, detectors and devices.

## TECHNICAL SPECIFICATIONS

<b>Conductors</b>	Stranded annealed copper			
<b>Insulation</b>	PVC V-90			
<b>Insulation Colour</b>	Red, white			
<b>Sheath</b>	PVC V-90			
<b>Sheath Colour</b>	Red (with white stripe)			
<b>Voltage Rating</b>	250/250V (Not for mains supply)			
<b>Mechanical Protection</b>	WSX1			
<b>AS1670.2018 Sheath Marking</b>	LV FIRE			
<b>Weight Per Metre (kg)</b>	<b>Part Number</b>	<b>Per Metre</b>	<b>200m</b>	<b>500m</b>
	TPSLD-0.75-2CW	0.0175	10	25
	TPSLD-1.00-2CW	0.0525	11	28
	TPSLD-1.50-2CW	0.0625	13	32

**ELECTRICAL SPECIFICATIONS**

Part Number	DC Resistance ( $\Omega$ / km)	Capacitance (pF/m) Red / White	Inductance (uH/m)
TPSLD-0.75-2CW	25.3	78	0.70
TPSLD-1.00-2CW	21.2	76	0.69
TPSLD-1.50-2CW	13.6	75	0.68

**STANDARDS**

Mechanical	AS/NZS 3013
ACMA Compliance	AS/CA S008
Conductors	AS/NZS 1125
Insulation	AS/NZS 3808
Sheath	AS/NZS 3808
Markings	AS 1670:2018

**ORDERING INFORMATION**

Part Number	Cores	Cross Section (mm <sup>2</sup> )	No. of Conductors x diameter (mm)	Core Lay Up	Lengths	Overall Size
TPSLD-0.75-2CW	2	0.75	7 x 0.37	Flat	200/500	6.4 x 4.1
TPSLD-1.00-2CW	2	1.00	7 x 0.42	Flat	200/500	7.2 x 4.3
TPSLD-1.50-2CW	2	1.50	7 x 0.52	Flat	200/500	7.2 x 4.5

**APPROVALS & CERTIFICATION**

AS/NZS 3013			
Part Number	Rating	Certificate No.	Issuer
TPSLD-0.75-2CW	WSX1	53620400.2	Warrington Fire
TPSLD-1.00-2CW	WSX1	53620400.2	Warrington Fire
TPSLD-1.50-2CW	WSX1	24560i-R5.0	Warrington Fire

ActivFire Listing Number	afp-3230
ACMA Supplier Number	N24281
PVC Best Practice Bureau Veritas CoC Number	2744