

FEATURES

- ✓ Double insulated red outer sheath marked as "fire alarm cable"
- ✓ ActivFire certified
- ✓ Best Environmental Practice PVC v 2.0 certified - Bureau Veritas
- ✓ Independently certified & licensed to meet Green Building Code of Australia / Green Star requirements
- ✓ Easy to strip, install & terminate
- ✓ 250/250V voltage rating
- ✓ PVC V-90 insulation and sheath
- ✓ Red and white cores
- ✓ Metre markings
- ✓ LV markings as per AS/NZS 1670:2018
- ✓ WSX1 Mechanical protection to AS/NZS 3013 & complying with AS1670.1.2018



PRODUCT DESCRIPTION

FireSense TPS cables are ideal for cabling between Fire Alarm, OWS & EWIS systems to ancillary devices eg detectors, speakers, strobes & field modules. FireSense TPS WHITE STRIPE cable enables the installer to distinguish between speaker & detector circuits. It is used for LV applications and speaker feeds/audio circuits (100V line) & must be used for OWS & EWIS Systems as per AS1670:2018.

FireSense TPS cables are ActivFire Certified and double insulated with a red outer sheath marked as 'fire alarm cable', which is easy to strip, install and terminate. The FireSense TPS Cable range was the first cable in Australia to be licensed under Best Environment Practice PVC v2.0, meeting Green Building Code Australia / Green Star requirements. WSX1 mechanical protection to AS/NZS 3013 & compliant with Australian fire alarm installation standards.

TECHNICAL SPECIFICATIONS

Conductors	Stranded annealed copper			
Insulation	PVC V-90			
Insulation Colour	Red, white			
Sheath	PVC V-90			
Sheath Colour	Red (with white stripe)			
Voltage Rating	250/250V (Not for mains supply)			
Mechanical Protection	WSX1			
AS1670.2018 Sheath Marking	LV FIRE			
Weight Per Metre (kg)	Part Number	Per Metre	200m	500m
	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 (Ω / km)	Capacitance (pF/m) Red / White	Inductance (μ H/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 ²)	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