



## Shielded Fire Resistant Control Cable, Silicon, Orange, LSZH

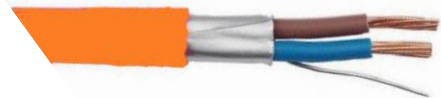
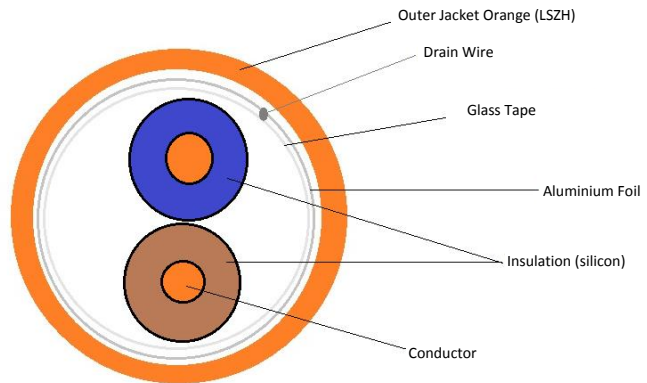
### Description

Alantek Fire Resistant Control Cable consists of Bare Copper Conductor with Special Silicon, Glass Tape with Aluminium Foil and Outer LSZH Jacket

### Application

Multipair Control Cable for industrial, alarm, PA and critical system.

Tested in accordance to IEC 60332-3A, IEC 60331, BS 5308, BS 6387-CZ



### Specification For Cable

Item		Pair / Size mm <sup>2</sup>		
		1PR X 1.0	1PR X 1.5	1PR X 2.5
<b>Standard</b>		<b>BS 5308 , IEC 60331, BS 6387-CZ</b>		
Conductor	Material	Plain annealed copper wires, free from any discolouration (Class 2)		
Wrapping	Material	Glass Tape		
Conductor	Shape or Composition	Circular stranded twisted pair		
	Composition Size	1.0 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
Insulation	Material	Silicon		
	Nom. thickness, mm	0.43 ±0.05	0.45 ±0.05	0.52 ±0.05
Core Identification	1 Pair	Red / Blue or Brown / Blue		
Cabling	Direction of lay	Right hand lay (Z) direction		
	Laid up of pairs	1PR		
Overall Screen	Drain wire	Tinned annealed strand copper wire		
	Screen	Aluminium foil tape		
Outer Sheath	Material	Orange colour LSZH compound having flame retardant properties complying to IEC 60332-3A		
	Nom. thickness, mm	0.70	0.80	0.90
Approx. of overall diameter, mm		6.2 ±0.2	7.0 ±0.2	8.8 ±0.2
Max. CR @ 20°C		18.1	12.1	7.41
Working Voltage		300V		
Rated Temperature		-20°C to +90°C		



Part Number #	Description
301-FRS010-E01P-3SG5	1-pair 1.0mm <sup>2</sup> Shielded Fire Resistant Cable, Silicon, Orange, LSZH, IEC 60331, BS 6387-CZ, Cu/Silicon/GT/Foil/LSZH (500m)
301-FRS015-E01P-3SG5	1-pair 1.5mm <sup>2</sup> Shielded Fire Resistant Cable, Silicon, Orange, LSZH, IEC 60331, BS 6387-CZ, Cu/Silicon/GT/Foil/LSZH (500m)
301-FRS025-E01P-3SG5	1-pair 2.5mm <sup>2</sup> Shielded Fire Resistant Cable, Silicon, Orange, LSZH, IEC 60331, BS 6387-CZ, Cu/Silicon/GT/Foil/LSZH (500m)