

SPECIFICATION

Shielded Twisted Multipair Control Cables

Description

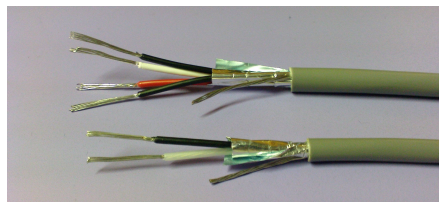
Alantek Shielded Twisted Multipair Control Cable consists of Stranded Tinned Copper Conductor with colour coded HDPE Insulation, overall cover with Aluminum Mylar Tape with minimum 25% overlap, Tinned Copper Drain Wire and Outer PVC Jacket.

Application

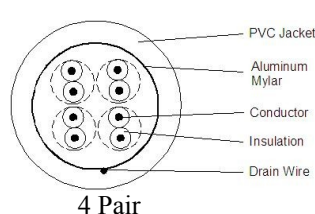
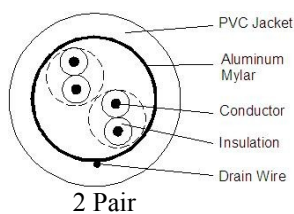
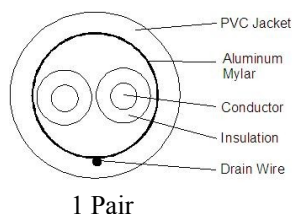
Multipair Audio, Control and Instrumentation Cable for Industrial, Data, Interconnect and Analogue Audio used.

Characteristics

- Rated temperature 80°C
- Insulation Resistance: 10 M Ω -km (min) @ 20°C DC 500V (EIA-364-21)
- Dielectric Strength: AC 500V/1 minute no breakdown (EIA-364-20)
- Flexibility Test: No Cracking
- Flame Test: Pass Horizontal Flame
- Colour Code:
 - For 1 Pair Cable: Black & Clear
 - For > 1 Pair Cable:
 - 1st Pair – Black & Red
 - 2nd Pair – Black & White
 - 3rd Pair – Black & Green
 - 4th Pair – Black & Blue



Part Number	Description
301-CI9501-0000	1 pair 16 AWG Shielded Twisted Cable
301-CI9401-0000	1 pair 18AWG Shielded Twisted Cable
301-CI9301-0000	1 pair 20 AWG Shielded Twisted Cable
301-CI9201-0000	1 pair 22 AWG Shielded Twisted Cable
301-CI9502-0000	2 pair 16 AWG Shielded Twisted Cable
301-CI9402-0000	2 pair 18 AWG Shielded Twisted Cable
301-CI9302-0000	2 pair 20 AWG Shielded Twisted Cable
301-CI9202-0000	2 pair 22 AWG Shielded Twisted Cable
301-CI9504-0000	4 pair 16 AWG Shielded Twisted Cable
301-CI9404-0000	4 pair 18 AWG Shielded Twisted Cable
301-CI9304-0000	4 pair 20 AWG Shielded Twisted Cable
301-CI9204-0000	4 pair 22 AWG Shielded Twisted Cable



No. of Pair	Stranded Conductor		Insulation	Drain Wire		Jacket		Conductor Resistance @ 20°C (max)
	AWG	No./AWG	Nom. Thickness	AWG	No./AWG	Nom. Thickness	O.D.	
1	16	19/29	0.81 mm	18	16/30	0.81 mm	7.9 mm	14.8 Ω /km
	18	16/30	0.48 mm	20	7/28	0.71 mm	5.6 mm	21.7 Ω /km
	20	7/28	0.41 mm	20	7/28	0.71 mm	5.1 mm	34.6 Ω /km
	22	7/30	0.41 mm	22	7/30	0.64 mm	4.3 mm	55.0 Ω /km
2	16	19/29	0.81 mm	18	16/30	0.81 mm	10.5 mm	14.8 Ω /km
	18	16/30	0.48 mm	20	7/28	0.75 mm	7.5 mm	21.8 Ω /km
	20	7/28	0.41 mm	20	7/28	0.71 mm	6.6 mm	34.6 Ω /km
	22	7/30	0.41 mm	22	7/30	0.7 mm	6.0 mm	55.0 Ω /km
4	16	19/29	0.81 mm	18	16/30	0.81 mm	14.0 mm	14.8 Ω /km
	18	16/30	0.48 mm	20	7/28	0.75 mm	10.0 mm	21.8 Ω /km
	20	7/28	0.41 mm	20	7/28	0.75 mm	8.4 mm	34.6 Ω /km
	22	7/30	0.41 mm	22	7/30	0.70 mm	7.5 mm	55.0 Ω /km