Excel Multicore Unscreened and Screened Cable

excel
without compromise.

X **Choice of conductor size**

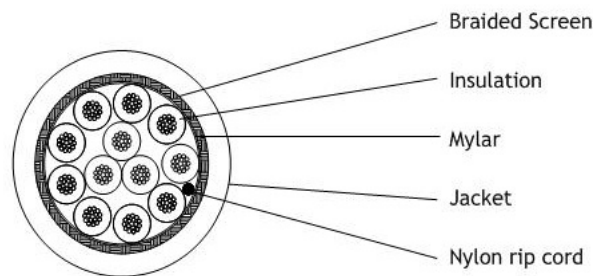X **Unscreened and screened options**

X **PVC Jacket**

Features

- Choice of conductor size
- PVC Jacket
- Unscreened and screened options

Product Overview

The Excel multicore cables are manufactured in accordance with the Defence Standard 61-12, parts 4 and 5 specifications where applicable. They should not be used for direct connection of equipment to mains power supplies, but are ideal for the interconnection of electronic equipment and instruments. The cores have tinned copper conductors and are PVC insulated, the outer sheath is black PVC. The screened versions are constructed using either a tinned copper braid or a Tinned Copper Clad Aluminium braid, providing a certain amount of mechanical protection, as well as electrical screening.

Braided Screen
Insulation
Mylar
Jacket
Nylon rip cord

Nominal Overall Diameter

Cores	2	3	4	6	8	9	10
Screened (T0.19 x 7)	3.8 mm	4.1 mm	4.4 mm	5.4 mm	6.0 mm	6.4 mm	6.6 mm
Unscreened (T0.19 x 7)			3.8 mm	4.6 mm	5.4 mm		
Screened (T0.19 x 16)	6.3 mm	7.0 mm	7.5 mm	8.5 mm	9.5 mm		

Cores	12	15	18	20	25	36
Screened (T0.19 x 7)	7.0 mm	7.7 mm	5.30mm	5.69mm	6.20mm	6.20mm
Unscreened (T0.19 x 7)	5.8 mm	7.7 mm	8.0 mm	8.5 mm	9.6 mm	10.8 mm
Screened (T0.19 x 16)	10.8 mm		12.3 mm		14.4 mm	16.5 mm

Construction - Screened T0.19 x 7

Property	Value
Conductors	T0.19 mm (± 0.008 mm) x 7 Stranded tinned copper
Insulation thickness	1.20 mm (± 0.13 mm) PVC
Core wrap	Mylar spiral + Nylon rip cord
Jacket	PVC
Screen	T0.10 mm (± 0.008 mm) x 80 (± 2) Tinned Copper braid

Construction - Unscreened T0.19 x 7

Property	Value
Conductors	T0.19 mm (± 0.008 mm) x 7 Stranded tinned copper
Insulation thickness	1.20 mm (± 0.13 mm) PVC
Core wrap	Mylar spiral + Nylon rip cord
Jacket	PVC

Construction - Screened T0.19 x 16

Property	Value
Conductors	T0.19 mm (± 0.008 mm) x 16 Stranded tinned copper
Insulation thickness	1.85 mm (± 0.13 mm) PVC
Screen	T0.19 mm (± 0.008 mm) x 64 (± 2) Tinned copper braid
Core wrap	Mylar spiral + Nylon rip cord
Jacket	PVC

Characteristics - Screened & Unscreened T0.19 x 7

Property	Value
Conductor Resistance	< 10.43 Ω/100 m at 20˚C
Rated Temperature	80˚ C
Rated Voltage	300 V
RoHS	Pass

Characteristics - Screened T0.19 x 16

Property	Value
Conductor Resistance	< 4.56 Ω/100 m at 20˚C
Rated Temperature	80˚ C
Rated Voltage	300 V
RoHS	Pass

Part Number Information - Screened (T0.19 x 7)

Part No.	Description
7202C	Screened Multicore Cable - 2 Core 7 x 0.2
7203C	Screened Multicore Cable - 3 Core 7 x 0.2
7204C	Screened Multicore Cable - 4 Core - 7 x 0.2
7204C1	Screened Multicore Cable - 4 Core - 7 x 0.2 (100m reel)
7206C	Screened Multicore Cable - 6 Core - 7 x 0.2
7208C	Screened Multicore Cable - 8 Core, 7 x 0.2
7208C1	Screened Multicore Cable - 8 Core, 7 x 0.2 (100m reel)
7209C	Screened Multicore Cable - 9 Core, 7 x 0.2
7210C	Screened Multicore Cable - 10 Core, 7 x 0.2
7212C	Screened Multicore Cable - 12 Core, 7 x0.2
7212C1	Screened Multicore Cable, 12 Core, 7 x 0.2 (100m reel)
7215C	Screened Multicore Cable, 15 Core, 7 x0.2
7218C	Screened Multicore Cable, 18 Core, 7 x 0.2
7220C	Screened Multicore Cable, 20 Core, 7 x 0.2
7225C	Screened Multicore Cable, 25 Core, 7 x 0.2
7236C	Screened Multicore Cable, 36 Core, 7 x 0.2

Part Number Information - Unscreened (T0.19 x 7)

Part No.	Description
7204A	Unscreened Multicore Cable - 4 Core 7 x 0.2
7206A	Unscreened Multicore Cable - 6 Core - 7 x 0.2
7208A	Unscreened Multicore Cable - 8 Core 7 x 0.2

Part Number Information - Screened (T0.19 x 16)

Part No.	Description
16202C	Screened Multicore Cable, 2 Core, 16x0.2
16203C	Screened Multicore Cable, 3 Core, 16x0.2
16204C	Screened Multicore Cable, 4 Core, 16x0.2
16206C	Screened Multicore Cable, 6 Core, 16x0.2
16208C	Screened Multicore Cable, 8 Core, 16x0.2
16212C	Screened Multicore Cable, 12 Core, 16x0.2
16218C	Screened Multicore Cable, 18 Core, 16x0.2
16236C	Screened Multicore Cable, 36 Core, 16x0.2