

Cable for Laser Safety Interlock Systems

Part no. CABLE-4C-E-100, CABLE-6C-E-100

Lasermet's branded 4-core and 6-core Interlock Cable

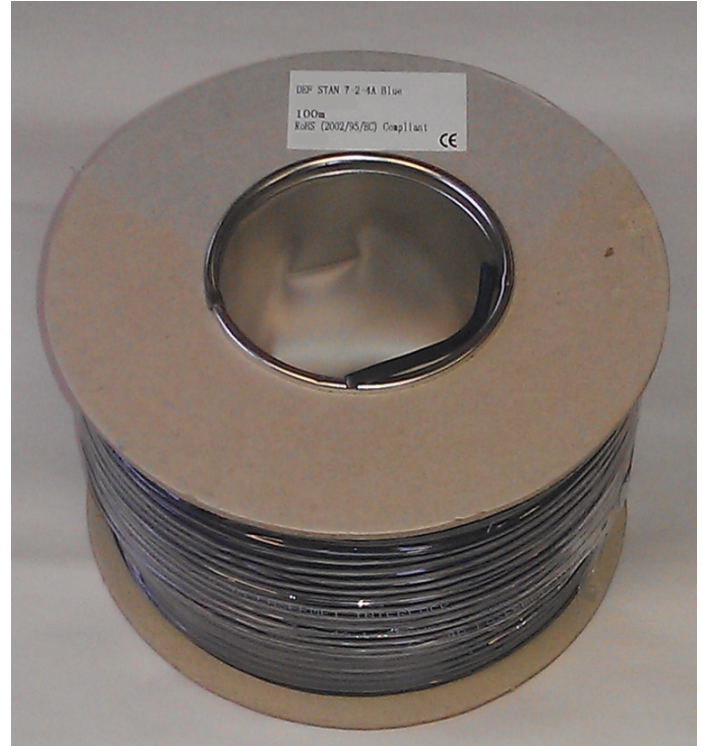
Lasermet's branded 4-core and 6-core Interlock cable is used for wiring up 24VDC interlock systems.

The outer jacket is rated at 250V so it can be used in trunking with mains 230VAC cabling.

Applications for 4-core Cable

This is used in current ICS-5 interlock control systems and is by far the most commonly used cable.

Lasermet Part no. **CABLE-4C-E-100**
 4-core cable
 DEF STAN 7-2-4A
 Blue sheath branded with
 7-2-4A Lasermet interlock



Applications for Lasermet branded 6-core Cable

The 6-core cable can be used where you have 2 wires per laser interlock connector (where there are 2 lasers) plus 2 wires for shutters.

The ICS-15XM has 6-way interlock switches – usually for larger installations.

The Lasermet KP12 Access Control Keypad requires 4-core cable. (Future models of access control key pad will require 6-core cable).

Lasermet Part no. **CABLE-6C-E-100**
 6-core cable
 DEF STAN 7-2-6A
 Blue sheath branded with
 7-2-6A Lasermet interlock

RoHS

Lasermet's cable is RoHS (2002/95/EC) compliant and is CE marked.



Specifications	4-core	6-core
Cable Identification Code	7-2-4A	7-2-6A
No. of Cores	4	6
Nominal Sheath Thickness	0.45mm	0.45mm
Nominal Overall Diameter	3.85mm	4.55mm
Nominal Weight	20kg/km	30kg/km
Conductor	Class 5 flexible tinned copper conductors; 0.22mm ² (7/0.2mm)	
Sheath	PVC (Polyvinyl Chloride)	
Sheath Colour	Dark blue	
Voltage Rating	440Vrms at frequencies up to 1.6kHz	
Maximum Resistance of Conductor at 20°C	7/0.2mm, 92Ω/km	
Operating Temperature	0°C to +70°C	
Standards	Def Stan 61-12 Part 4	

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 laser safety solutions