



## Specification Table

<b>Part Number</b>	: Varies with colour and packing.	
<b>Description</b>	: Sub-miniature Cable, 7-1-2C, to Def Stan 61-12 (Part 4).	
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper wires to BS 6360 (as far as applicable), class 5. : Number of wires = 7. : Maximum resistance at 20°C (finished cable) : 384.0 ohms/km.	
<b>Insulation</b>	: Type 2 PVC compound to BS 7655-3.2 (see table 1) : Minimum point radial thickness : 0.15mm. : Minimum diameter : 0.65mm. : Maximum diameter : 0.75mm.	
<b>Lay Up</b>	: 2 cores, red and blue. : Polyester tape.	
<b>Screen</b>	: Maximum diameter of Tinned Annealed wires : 0.104mm. : Minimum Coverage : 91%.	
<b>Sheath</b>	: Type 6 PVC compound to BS 7655-4-2 (see table 2). : Minimum point radial thickness : 0.25mm. : Minimum diameter : 2.50mm. : Maximum diameter : 3.00mm	
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies.	

Conformity Declaration to EU Directive 2002/95/EC (RoSH)

This Cable Does not contain:  
Lead, cadmium, mercury, hexavalent chromium, PBB's and PBDE's.

Please note that this declaration does not exclude irrelevant trace levels (extreme low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-3C, to Def Stan 61-12 (Part 4).
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 Ω/km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 3 cores, red, blue and green. : Polyester tape.
<b>Screen</b>	: 0.1mm tinned annealed copper braid. : Minimum filling factor : 0.7.
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.3mm. : Minimum overall diameter : 2.7mm. : Maximum overall diameter : 3.2mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Nominal capacitance : core to core : 95pF/m, core to screen : 170pF/m. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 15.7kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-4C, to Def Stan 61-12 (Part 4).
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 Ω/km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 4 cores, red, blue, green and yellow. : Polyester tape.
<b>Screen</b>	: 0.1mm tinned annealed copper braid. : Minimum filling factor : 0.7.
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.3mm. : Minimum overall diameter : 2.9mm. : Maximum overall diameter : 3.4mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Nominal capacitance : core to core : 95pF/m, core to screen : 170pF/m. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 17.3kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-6C, to Def Stan 61-12 (Part 4).
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 /km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 6 cores, (dummy centre), red, blue, green, yellow, white and black. : Polyester tape.
<b>Screen</b>	: 0.1mm tinned annealed copper braid. : Minimum filling factor : 0.7.
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.3mm. : Minimum overall diameter : 3.3mm. : Maximum overall diameter : 3.7mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 22.2kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-9C, to Def Stan 61-12 (Part 4), a.f.a.a.
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 /km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 9 cores, (dummy centre), red, blue, green, yellow, white, black, brown, violet and orange. : Polyester tape.
<b>Screen</b>	: 0.1mm tinned annealed copper braid. : Minimum filling factor : 0.7.
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.3mm. : Minimum overall diameter : 3.9mm. : Maximum overall diameter : 4.4mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 30.3kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-12C, to Def Stan 61-12 (Part 4).
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, class 5, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 /km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 12 cores : Centre : red, blue and green. : Outer : yellow, white, black, brown, violet, orange, pink, turquoise and grey : Polyester tape.
<b>Screen</b>	: 0.1mm tinned annealed copper wire braid. : Minimum filling factor : 0.7 (91% coverage).
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.3mm. : Minimum overall diameter : 4.1mm. : Maximum overall diameter : 4.6mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 32.3kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-15C, to Def Stan 61-12 (Part 4), a.f.a.a.
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, class 5, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 /km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 15 cores : Centre : red, blue, green and yellow. : Outer : white, black, brown, violet, orange, pink, turquoise, grey, red/blue, green/red and yellow/red. : Polyester tape.
<b>Screen</b>	: 0.15mm tinned annealed copper wire braid. : Minimum filling factor : 0.7 (91% coverage).
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.35mm. : Minimum overall diameter : 4.9mm. : Maximum overall diameter : 5.4mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 47kg/km.

Conformity Declaration to EU Directive 2002/95/EC (RoHS)

This cable does not contain : lead, mercury, cadmium, hexavalent chromium, PBB or PBDE.

Please note that this declaration does not exclude irrelevant trace levels (extremely low levels) of the listed substances that may be unintentionally present.

## Specification Table

<b>Part Number</b>	: (Varies with packing length).
<b>Description</b>	: Sub-miniature Cable, 7-1-25C, to Def Stan 61-12 (Part 4).
<b>Conductors</b>	: 0.055mm <sup>2</sup> (7/0.1mm) tinned annealed copper bunch, meeting the requirements of BS 6360, class 5, where applicable. : Maximum resistance (completed cable) at 20°C : 384.0 /km.
<b>Insulation</b>	: Type 2 PVC compound to BS 7655. : Minimum radial thickness : 0.15mm. : Minimum core diameter : 0.65mm. : Maximum core diameter : 0.75mm.
<b>Lay Up</b>	: 25 cores : 1 <sup>st</sup> layer: red, blue, green. : 2 <sup>nd</sup> layer: yellow, white, black, brown, violet, orange, pink, turquoise. : 3 <sup>rd</sup> layer: grey, red/blue, green/red, yellow/red, white/red, red/black, red/brown, yellow/blue, white/blue, blue/black, orange/blue, yellow/green, white/green and orange/green. : Polyester tape.
<b>Screen</b>	: 0.15mm tinned annealed copper wire braid. : Minimum filling factor : 0.7 (91% coverage).
<b>Sheath</b>	: Type 6 PVC compound to BS 7655. : Minimum radial thickness : 0.35mm. : Minimum overall diameter : 6.0mm. : Maximum overall diameter : 6.6mm.
<b>Service Data</b>	: For local interconnection between instruments and electronic equipment. : Not suitable for direct connection to mains power supplies. : Maximum working voltage : 250V ac. rms. : Maximum (conductor) operating temperature : 70°C. : Approximate mass/unit length : 66.0g/km.



# 7-1-C Series



## Part Number Table

Description	Part Number
CABLE, DEF 7-1-2C, 2CORE, 25M	860160 25M
CABLE, DEF 7-1-2C, 2CORE, 100M	860160 100M
CABLE, DEF 7-1-3C, 3CORE, 25M	860161 25M
CABLE, DEF 7-1-3C, 3CORE, 100M	860161 100M
CABLE, DEF 7-1-4C, 4CORE, 25M	860132 25M
CABLE, DEF 7-1-4C, 4CORE, 100M	860132 100M
CABLE, DEF 7-1-4C 4 CORE 500M	7-1-4 SCREENED
CABLE, DEF 7-1-6C, 6CORE, 25M	860144 25M
CABLE, DEF 7-1-6C, 6CORE, 100M	860144 100M
CABLE, DEF 7-1-6C 6 CORE 500M	7-1-6 SCREENED
CABLE, DEF 7-1-9C, 9CORE, 25M	860188 25M
CABLE, DEF 7-1-9C, 9CORE, 100M	860188 100M
CABLE, DEF 7-1-12C, 12CORE, 25M	860145 25M
CABLE, DEF 7-1-12C, 12CORE, 100M	860145 100M
CABLE, DEF 7-1-15C, 15CORE, 25M	860183 25M
CABLE, DEF 7-1-15C, 15CORE, 100M	860183 100M
CABLE, DEF 7-1-25C, 25CORE, 25M	860128 25M
CABLE, DEF 7-1-25C, 25CORE, 100M	860128 100M

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