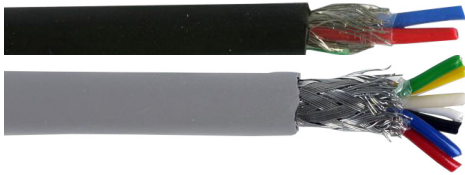


Screened Multicore Cable to Defence Standard 61-12 Part 4 7-2-*c

multicomp PRO

**RoHS
Compliant**



Description

This screened multicore cable is manufactured to Defence Standard 61-12 Part 4 and is designed for high density wiring between components and within instruments and electronic equipment. It is not to be used for the direct connection to Mains Power Supplies.

Reference Standard

Multicore Cable to DEF. STAN. 61-12 part 4. 0.22mm² (7/0.2mm) Conductors, Braid Screened with Black and Grey PVC Jacket

Cable Construction

Conductor

Electrolytic Annealed Tinned Copper Conductor 7/0.2mm

Nominal Core Resistance @ 20°C : 92Ω/km

Current Rating (per core) : 1 Amp

Insulation and Conductors

Core insulation of PVC to BS676 type Nom. Radial Thickness 0.3mm

Insulation Resistance : Min. 100MΩ×km

Nominal Overall Ø of Conductor : 1.2mm

Conductors Colour Coded as per DEF. STAN. 61-12 Part 4

Cores wrapped with Plastic Tape

Test Voltage (1 minute, core to core) : 1000V

Braid Screen

0.1mm Ø TACW Braid : Fill factor 70% (nom)

Outer Sheath

Black and Grey (RAL 7001) PVC jacket to BS6746 Type 6

Temperature Range : 0°C to +70°C

Nominal Voltage : 440V AC rms @ 1600Hz

Minimum Bending Radius : 6 × cable Ø

Insulation Colours table

| Core Number | Colour |
|-------------|--------|
| 1 | Red |
| 2 | Blue |
| 3 | Green |
| 4 | Yellow |
| 5 | White |
| 6 | Black |

| Core Number | Colour |
|-------------|-----------|
| 7 | Brown |
| 8 | Violet |
| 9 | Orange |
| 10 | Pink |
| 11 | Turquoise |
| 12 | Grey |

| Core Number | Colour |
|-------------|------------|
| 13 | Red/Blue |
| 14 | Green/Red |
| 15 | Yellow/Red |
| 16 | White/Red |
| 17 | Red/Black |
| 18 | Red/Brown |

| Core Number | Colour |
|-------------|-------------|
| 19 | Yellow/Blue |
| 20 | White/Blue |
| 21 | Blue/Black |
| 22 | Orange/Blue |
| 23 | Green/Blue |
| 24 | Grey/Blue |

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| Core Number | Colour |
|-------------|--------------|
| 25 | Yellow/Green |
| 26 | White/Green |
| 27 | Green/Black |
| 28 | Orange/Green |

| Core Number | Colour |
|-------------|--------------|
| 29 | Grey/Green |
| 30 | Yellow/Brown |
| 31 | White/Brown |
| 32 | Brown/Black |

| Core Number | Colour |
|-------------|---------------|
| 33 | Grey/Brown |
| 34 | Yellow/Violet |
| 35 | Violet/Black |
| 36 | White/Violet |

Part Number Table

| Description | No. of Cores | Jacket Colour | Diameter over Cores (mm) | Diameter over Screen (mm) | Jacket Radial Thickness (mm) | Jacket Diameter (mm) | Reel Length (m) | Part Number | |
|----------------------------|--------------|---------------|--------------------------|---------------------------|------------------------------|----------------------|-----------------|-------------|----------|
| Cable, Screen, DEF 7-2-2C | 2 | Black | 2.4 | 2.9 | 0.45 | 3.9 | 25 | PP000307 | |
| | | | | | | | 100 | PP000308 | |
| Cable, Screen, DEF 7-2-3C | 3 | | 2.6 | 3.1 | | 4.1 | 25 | PP000309 | |
| | | | | | | | 100 | PP000310 | |
| Cable, Screen, DEF 7-2-4C | 4 | | Grey | 2.9 | | 3.4 | 4.4 | 25 | PP000311 |
| | | | | | | | | 100 | PP000312 |
| | | | | | | | | 500 | PP000313 |
| | | | | | | | | 25 | PP000244 |
| Cable, Screen, DEF 7-2-6C | 6 | | Black | 3.6 | | 4.4 | 5.6 | 100 | PP000245 |
| | | | | | | | | 25 | PP000314 |
| Cable, Screen, DEF 7-2-8C | 8 | | Grey | 4.1 | | 4.8 | 5.9 | 25 | PP000315 |
| | | | | | | | | 100 | PP000316 |
| | | 25 | | | PP000317 | | | | |
| | | 100 | | | PP000246 | | | | |
| Cable, Screen, DEF 7-2-10C | 10 | Black | 4.8 | 5.5 | 6.4 | 100 | PP000247 | | |
| | | | | | | 25 | PP000318 | | |
| Cable, Screen, DEF 7-2-12C | 12 | Grey | 5 | 5.8 | 0.55 | 6.9 | 100 | PP000319 | |
| | | | | | | | 25 | PP000320 | |
| | | | | | | | 100 | PP000321 | |
| | | | | | | | 25 | PP000248 | |
| Cable, Screen, DEF 7-2-15C | 15 | Black | 5.5 | 6.3 | 0.65 | 7.6 | 100 | PP000249 | |
| | | | | | | | 25 | PP000322 | |
| Cable, Screen, DEF 7-2-18C | 18 | Black | 6 | 6.8 | 8.2 | 100 | PP000323 | | |
| | | | | | | 25 | PP000324 | | |
| Cable, Screen, DEF 7-2-20C | 20 | Black | 6.4 | 7.2 | 8.5 | 100 | PP000325 | | |
| | | | | | | 25 | PP000326 | | |
| | | | | | | | 100 | PP000327 | |

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| Description | No. of Cores | Jacket Colour | Diameter over Cores (mm) | Diameter over Screen (mm) | Jacket Radial Thickness (mm) | Jacket Diameter (mm) | Reel Length (m) | Part Number |
|----------------------------|--------------|---------------|--------------------------|---------------------------|------------------------------|----------------------|-----------------|-------------|
| Cable, Screen, DEF 7-2-20C | 20 | Grey | 6.4 | 7.2 | 0.65 | 8.5 | 25 | PP000250 |
| | | | | | | | 100 | PP000251 |
| Cable, Screen, DEF 7-2-25C | 25 | Black | 7.2 | 8 | | 9.5 | 25 | PP000328 |
| | | | | | | | 100 | PP000329 |
| Cable, Screen, DEF 7-2-36C | 36 | | 8.4 | 9.2 | | 10.8 | 25 | PP000330 |
| | | | | | | | 100 | PP000331 |
| | | Grey | 25 | PP000252 | | | | |
| | | | 100 | PP000253 | | | | |

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