

Hook-Up Equipment Wire

Defence Standard 61-12 Part 6 and BS 4808 Part 2

multicomp PRO

**RoHS
Compliant**



Description

Stranded TACW, Single Core, PVC Insulation.

Application

For inside telephone and telegraph exchanges and for the internal wiring of electronic and other equipment.

Applicable Standard

- Defence Standard 61-12 Part 6 Type 2
- BS 4808 Part 2 Class 2

Construction

Conductor

Material : Tinned Annealed Copper Wire
Construction : Stranded

Insulation

Material : Hard PVC

Physical Properties

Min. Bend Radius : 10 × O.D mm
Operating Temperature : -15°C to +85°C

Electrical Properties

Max. Working Voltage : 1000V AC (rms)
Min. Insulation Resistance @ 20 ± 5°C : 50MΩ.km
Spark test : 4000V AC
Voltage test : 1.5kV AC

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| Type and/or Class Number | Conductor Composition (No. of Wires/ Nominal Wire Diameter (mm)) | Insulation Material | Radial Thickness of Insulation (mm) | Nominal Diameter (mm) | Max. Conductor Resistance @ 20°C (Ω/km) |
|--------------------------------|--|---------------------|-------------------------------------|-----------------------|---|
| Type 2 (Class 2 to BS 4808) | 7/0.2 | Hard PVC | 0.3 | 1.25 | 88 |
| | 16/0.2 | | | 1.55 | 38.2 |
| | 24/0.2 | | 0.45 | 2.05 | 25.5 |

Part Number Table

| Description | Length | O.D Tolerance (mm) | Part Number |
|---|--------|--------------------|-------------|
| Equipment Wire, 7/0.2mm, Type 2, Black | 500m | 1.2 +/-0.1 | MP005327 |
| Equipment Wire, 7/0.2mm, Type 2, Brown | 500m | 1.2 +/-0.1 | MP005328 |
| Equipment Wire, 7/0.2mm, Type 2, Red | 500m | 1.2 +/-0.1 | MP005329 |
| Equipment Wire, 7/0.2mm, Type 2, Orange | 500m | 1.2 +/-0.1 | MP005330 |
| Equipment Wire, 7/0.2mm, Type 2, Yellow | 500m | 1.2 +/-0.1 | MP005331 |
| Equipment Wire, 7/0.2mm, Type 2, Green | 500m | 1.2 +/-0.1 | MP005332 |
| Equipment Wire, 7/0.2mm, Type 2, Blue | 500m | 1.2 +/-0.1 | MP005333 |
| Equipment Wire, 7/0.2mm, Type 2, Violet | 500m | 1.2 +/-0.1 | MP005334 |
| Equipment Wire, 7/0.2mm, Type 2, Grey | 500m | 1.2 +/-0.1 | MP005335 |
| Equipment Wire, 7/0.2mm, Type 2, White | 500m | 1.2 +/-0.1 | MP005336 |
| Equipment Wire, 7/0.2mm, Type 2, Pink | 500m | 1.2 +/-0.1 | MP005337 |
| Equipment Wire, 7/0.2mm, Type 2, Red/Black | 100m | 1.2 +/-0.1 | MP005338 |
| Equipment Wire, 7/0.2mm, Type 2, Red/Brown | 100m | 1.2 +/-0.1 | MP005339 |
| Equipment Wire, 7/0.2mm, Type 2, Red/Green | 100m | 1.2 +/-0.1 | MP005340 |
| Equipment Wire, 7/0.2mm, Type 2, Red/Blue | 100m | 1.2 +/-0.1 | MP005341 |
| Equipment Wire, 7/0.2mm, Type 2, Orange/Black | 100m | 1.2 +/-0.1 | MP005342 |
| Equipment Wire, 7/0.2mm, Type 2, Orange/Red | 100m | 1.2 +/-0.1 | MP005343 |
| Equipment Wire, 7/0.2mm, Type 2, Yellow/Black | 100m | 1.2 +/-0.1 | MP005344 |
| Equipment Wire, 7/0.2mm, Type 2, Yellow/Red | 100m | 1.2 +/-0.1 | MP005345 |
| Equipment Wire, 7/0.2mm, Type 2, Yellow/Green | 100m | 1.2 +/-0.1 | MP005346 |
| Equipment Wire, 7/0.2mm, Type 2, Green/Red | 100m | 1.2 +/-0.1 | MP005347 |
| Equipment Wire, 7/0.2mm, Type 2, Violet/Red | 100m | 1.2 +/-0.1 | MP005348 |
| Equipment Wire, 7/0.2mm, Type 2, Grey/Black | 100m | 1.2 +/-0.1 | MP005349 |
| Equipment Wire, 7/0.2mm, Type 2, Grey/Blue | 100m | 1.2 +/-0.1 | MP005350 |
| Equipment Wire, 7/0.2mm, Type 2, White/Black | 100m | 1.2 +/-0.1 | MP005351 |
| Equipment Wire, 7/0.2mm, Type 2, White/Red | 100m | 1.2 +/-0.1 | MP005352 |
| Equipment Wire, 7/0.2mm, Type 2, Pink/Black | 100m | 1.2 +/-0.1 | MP005353 |
| Equipment Wire, 7/0.2mm, Type 2, Green/Yellow | 100m | 1.2 +/-0.1 | MP005354 |

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| Description | Length | O.D Tolerance (mm) | Part Number |
|--|--------|--------------------|-------------|
| Equipment Wire, 16/0.2mm, Type 2, Black | 100m | 1.55 +/-0.1 | MP005355 |
| Equipment Wire, 16/0.2mm, Type 2, Brown | 100m | 1.55 +/-0.1 | MP005356 |
| Equipment Wire, 16/0.2mm, Type 2, Red | 100m | 1.55 +/-0.1 | MP005357 |
| Equipment Wire, 16/0.2mm, Type 2, Orange | 100m | 1.55 +/-0.1 | MP005358 |
| Equipment Wire, 16/0.2mm, Type 2, Yellow | 100m | 1.55 +/-0.1 | MP005359 |
| Equipment Wire, 16/0.2mm, Type 2, Green | 100m | 1.55 +/-0.1 | MP005360 |
| Equipment Wire, 16/0.2mm, Type 2, Blue | 100m | 1.55 +/-0.1 | MP005361 |
| Equipment Wire, 16/0.2mm, Type 2, Violet | 100m | 1.55 +/-0.1 | MP005362 |
| Equipment Wire, 16/0.2mm, Type 2, Grey | 100m | 1.55 +/-0.1 | MP005363 |
| Equipment Wire, 16/0.2mm, Type 2, White | 100m | 1.55 +/-0.1 | MP005364 |
| Equipment Wire, 16/0.2mm, Type 2, Pink | 100m | 1.55 +/-0.1 | MP005365 |
| Equipment Wire, 16/0.2mm, Type 2, Black | 500m | 1.55 +/-0.1 | MP005366 |
| Equipment Wire, 16/0.2mm, Type 2, Brown | 500m | 1.55 +/-0.1 | MP005367 |
| Equipment Wire, 16/0.2mm, Type 2, Red | 500m | 1.55 +/-0.1 | MP005368 |
| Equipment Wire, 16/0.2mm, Type 2, Orange | 500m | 1.55 +/-0.1 | MP005369 |
| Equipment Wire, 16/0.2mm, Type 2, Yellow | 500m | 1.55 +/-0.1 | MP005370 |
| Equipment Wire, 16/0.2mm, Type 2, Green | 500m | 1.55 +/-0.1 | MP005371 |
| Equipment Wire, 16/0.2mm, Type 2, Blue | 500m | 1.55 +/-0.1 | MP005372 |
| Equipment Wire, 16/0.2mm, Type 2, Violet | 500m | 1.55 +/-0.1 | MP005373 |
| Equipment Wire, 16/0.2mm, Type 2, Grey | 500m | 1.55 +/-0.1 | MP005374 |
| Equipment Wire, 16/0.2mm, Type 2, White | 500m | 1.55 +/-0.1 | MP005375 |
| Equipment Wire, 16/0.2mm, Type 2, Pink | 500m | 1.55 +/-0.1 | MP005376 |
| Equipment Wire, 16/0.2mm, Type 2, Red/Black | 100m | 1.55 +/-0.1 | MP005377 |
| Equipment Wire, 16/0.2mm, Type 2, Red/Brown | 100m | 1.55 +/-0.1 | MP005378 |
| Equipment Wire, 16/0.2mm, Type 2, Red/Green | 100m | 1.55 +/-0.1 | MP005379 |
| Equipment Wire, 16/0.2mm, Type 2, Red/Blue | 100m | 1.55 +/-0.1 | MP005380 |
| Equipment Wire, 16/0.2mm, Type 2, Orange/Black | 100m | 1.55 +/-0.1 | MP005381 |
| Equipment Wire, 16/0.2mm, Type 2, Orange/Red | 100m | 1.55 +/-0.1 | MP005382 |
| Equipment Wire, 16/0.2mm, Type 2, Yellow/Black | 100m | 1.55 +/-0.1 | MP005383 |
| Equipment Wire, 16/0.2mm, Type 2, Yellow/Red | 100m | 1.55 +/-0.1 | MP005384 |
| Equipment Wire, 16/0.2mm, Type 2, Yellow/Green | 100m | 1.55 +/-0.1 | MP005385 |
| Equipment Wire, 16/0.2mm, Type 2, Green/Red | 100m | 1.55 +/-0.1 | MP005386 |
| Equipment Wire, 16/0.2mm, Type 2, Violet/Red | 100m | 1.55 +/-0.1 | MP005387 |
| Equipment Wire, 16/0.2mm, Type 2, Grey/Black | 100m | 1.55 +/-0.1 | MP005388 |
| Equipment Wire, 16/0.2mm, Type 2, Green/Blue | 100m | 1.55 +/-0.1 | MP005389 |
| Equipment Wire, 16/0.2mm, Type 2, White/Black | 100m | 1.55 +/-0.1 | MP005390 |
| Equipment Wire, 16/0.2mm, Type 2, White/Red | 100m | 1.55 +/-0.1 | MP005391 |

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|--|--------|--------------------|-------------|
| Equipment Wire, 16/0.2mm, Type 2, Pink/Black | 100m | 1.55 +/-0.1 | MP005392 |
| Equipment Wire, 16/0.2mm, Type 2, Green/Yellow | 100m | 1.55 +/-0.1 | MP005393 |
| Equipment Wire, 16/0.2mm, Type 2, Green/Yellow | 500m | 1.55 +/-0.1 | MP005394 |
| Equipment Wire, 24/0.2mm, Type 2, Black | 100m | 2.05 +/-0.1 | MP005407 |
| Equipment Wire, 24/0.2mm, Type 2, Brown | 100m | 2.05 +/-0.1 | MP005408 |
| Equipment Wire, 24/0.2mm, Type 2, Red | 100m | 2.05 +/-0.1 | MP005409 |
| Equipment Wire, 24/0.2mm, Type 2, Orange | 100m | 2.05 +/-0.1 | MP005410 |
| Equipment Wire, 24/0.2mm, Type 2, Yellow | 100m | 2.05 +/-0.1 | MP005411 |
| Equipment Wire, 24/0.2mm, Type 2, Green | 100m | 2.05 +/-0.1 | MP005412 |
| Equipment Wire, 24/0.2mm, Type 2, Blue | 100m | 2.05 +/-0.1 | MP005413 |
| Equipment Wire, 24/0.2mm, Type 2, Violet | 100m | 2.05 +/-0.1 | MP005414 |
| Equipment Wire, 24/0.2mm, Type 2, Grey | 100m | 2.05 +/-0.1 | MP005415 |
| Equipment Wire, 24/0.2mm, Type 2, White | 100m | 2.05 +/-0.1 | MP005416 |
| Equipment Wire, 24/0.2mm, Type 2, Pink | 100m | 2.05 +/-0.1 | MP005417 |
| Equipment Wire, 24/0.2mm, Type 2, Green/Yellow | 100m | 2.05 +/-0.1 | MP005418 |
| Equipment Wire, 24/0.2mm, Type 2, Yellow/Green | 100m | 2.05 +/-0.1 | MP005419 |
| Equipment Wire, 24/0.2mm, Type 2, Black | 500m | 2.05 +/-0.1 | MP005420 |
| Equipment Wire, 24/0.2mm, Type 2, Red | 500m | 2.05 +/-0.1 | MP005421 |
| Equipment Wire, 24/0.2mm, Type 2, White | 500m | 2.05 +/-0.1 | MP005422 |

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