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

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RoHS Compliant

Conductor
Insulation

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   : Solid or 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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Page <1>   01/03/23   V1.1

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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)	1/0.6	Hard PVC	0.3	1.2	64.1
	7/0.2			1.2	88
	16/0.2			1.55	38.2
	24/0.2		0.45	2.05	25.5

Part Number Table

Description	Cross Sectional Area (mm²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Pink	100m	MCP00003
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	White	100m	MCP00004
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Grey	100m	MCP00005
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Violet	100m	MCP00006
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Blue	100m	MCP00007
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Green	100m	MCP00008
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Yellow	100m	MCP00009
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Orange	100m	MCP00010
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Red	100m	MCP00011
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Brown	100m	MCP00012
Equipment Wire 1/0.6mm	0.28	1.2 ±0.1	Black	100m	MCP00013
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Black	100m	MCP00024
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Brown	100m	MCP00023
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Red	100m	MCP00022
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Orange	100m	MCP00021
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Yellow	100m	MCP00020
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Green	100m	MCP00019
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Blue	100m	MCP00018
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Violet	100m	MCP00017
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Grey	100m	MCP00016
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	White	100m	MCP00015
Equipment Wire 7/0.2mm	0.22	1.2 ±0.1	Pink	100m	MCP00014
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Black	500m	MP005327
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Brown	500m	MP005328
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Red	500m	MP005329

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Page <2>   01/03/23   V1.1

Description	Cross Sectional Area (mm²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Orange	500m	MP005330
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Yellow	500m	MP005331
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Green	500m	MP005332
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Blue	500m	MP005333
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Violet	500m	MP005334
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Grey	500m	MP005335
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	White	500m	MP005336
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Pink	500m	MP005337
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Red/Black	100m	MP005338
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Red/Brown	100m	MP005339
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Red/Green	100m	MP005340
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Red/Blue	100m	MP005341
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Orange/Black	100m	MP005342
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Orange/Red	100m	MP005343
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Yellow/Black	100m	MP005344
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Yellow/Red	100m	MP005345
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Yellow/Green	100m	MP005346
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Green/Red	100m	MP005347
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Violet/Red	100m	MP005348
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Grey/Black	100m	MP005349
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Grey/Blue	100m	MP005350
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	White/Black	100m	MP005351
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	White/Red	100m	MP005352
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Pink/Black	100m	MP005353
Equipment Wire, 7/0.2mm	0.22	1.2 ±0.1	Green/Yellow	100m	MP005354
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Black	100m	MP005355
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Brown	100m	MP005356
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red	100m	MP005357
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Orange	100m	MP005358
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Yellow	100m	MP005359
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green	100m	MP005360
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Blue	100m	MP005361
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Violet	100m	MP005362
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Grey	100m	MP005363
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	White	100m	MP005364
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Pink	100m	MP005365

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Page <3>   01/03/23   V1.1

Description	Cross Sectional Area (mm²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Black	500m	MP005366
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Brown	500m	MP005367
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red	500m	MP005368
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Orange	500m	MP005369
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Yellow	500m	MP005370
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green	500m	MP005371
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Blue	500m	MP005372
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Violet	500m	MP005373
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Grey	500m	MP005374
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	White	500m	MP005375
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Pink	500m	MP005376
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red/Black	100m	MP005377
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red/Brown	100m	MP005378
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red/Green	100m	MP005379
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Red/Blue	100m	MP005380
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Orange/Black	100m	MP005381
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Orange/Red	100m	MP005382
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Yellow/Black	100m	MP005383
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Yellow/Red	100m	MP005384
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Yellow/Green	100m	MP005385
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green/Red	100m	MP005386
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Violet/Red	100m	MP005387
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Grey/Black	100m	MP005388
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green/Blue	100m	MP005389
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	White/Black	100m	MP005390
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	White/Red	100m	MP005391
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Pink/Black	100m	MP005392
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green/Yellow	100m	MP005393
Equipment Wire, 16/0.2mm	0.5	1.55 ±0.1	Green/Yellow	500m	MP005394
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Black	100m	MP005407
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Brown	100m	MP005408
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Red	100m	MP005409
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Orange	100m	MP005410
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Yellow	100m	MP005411
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Green	100m	MP005412
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Blue	100m	MP005413

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Page <4>   01/03/23   V1.1

Description	Cross Sectional Area (mm²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Violet	100m	MP005414
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Grey	100m	MP005415
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	White	100m	MP005416
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Pink	100m	MP005417
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Green/Yellow	100m	MP005418
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Yellow/Green	100m	MP005419
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Black	500m	MP005420
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	Red	500m	MP005421
Equipment Wire, 24/0.2mm	0.75	2.05±0.1	White	500m	MP005422

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