

**RoHS
Compliant**



Description

Solid or 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 3
- BS 4808 Part 2 Class 3

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 : -20°C to +85°C

Electrical Properties

Max. Working Voltage : 1500V AC (rms)
Min. Insulation Resistance @ 20 ± 5°C : 50MΩ.km
Spark test : 6000V AC
Voltage test : 2kV AC

Type and/or Class Number	Conductor Composition(No. of Wires/ Nominal Wire Diameter(mm))	Nominal Area of Conductor (mm ²)	Insulation Material	Radial Thickness of Insulation (mm)	Nominal Diameter (mm)	Max. Conductor Resistance @ 20°C (Ω/km)
Type 3 (Class 3 to BS 4808)	24/0.2	0.75	General Purpose PVC	0.6	2.35	25.5
	32/0.2	1			2.55	19.1
	63/0.2	2			3.05	9.7

Part Number Table

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Black	100m	MP005395
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Brown	100m	MP005396
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Red	100m	MP005397
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Orange	100m	MP005398
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Yellow	100m	MP005399
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Green	100m	MP005400
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Blue	100m	MP005401
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Violet	100m	MP005402
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Grey	100m	MP005403
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	White	100m	MP005404
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Pink	100m	MP005405
Equipment Wire, 16/0.2mm	0.5	2.15+0.1/-0.15	Green/Yellow	100m	MP005406
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Black	100m	MP005423
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Brown	100m	MP005424
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Red	100m	MP005425
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Orange	100m	MP005426
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Yellow	100m	MP005427
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Green	100m	MP005428
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Blue	100m	MP005429
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Violet	100m	MP005430
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Grey	100m	MP005431
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	White	100m	MP005432
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Pink	100m	MP005433
Equipment Wire, 24/0.2mm	0.75	2.35+0.1/-0.15	Green/Yellow	100m	MP005434
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Black	100m	MP005435

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Brown	100m	MP005436
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Red	100m	MP005437
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Orange	100m	MP005438
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Yellow	100m	MP005439
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Green	100m	MP005440
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Blue	100m	MP005441
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Violet	100m	MP005442
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Grey	100m	MP005443
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	White	100m	MP005444
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Pink	100m	MP005445
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Green/Yellow	100m	MP005446
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Yellow/Green	100m	MP005447
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Black	500m	MP005448
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Red	500m	MP005449
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	White	500m	MP005450
Equipment Wire, 32/0.2mm	1	2.55+0.1/-0.15	Blue	500m	MP005451
Equipment Wire, 63/0.2mm	2	3.05+0.1/-0.15	Black	100m	MP005452
Equipment Wire, 63/0.2mm	2	3.05+0.1/-0.15	Red	100m	MP005453

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