



**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 3
- BS 4808 Part 2 Class 3

Construction

Conductor

Material : Tinned Annealed Copper Wire
Construction : Stranded

Insulation

Material : Hard PVC

Physical Properties

Min. Bend Radius : $10 \times \text{O.D mm}$
Operating Temperature : $-20^{\circ}\text{C to }+85^{\circ}\text{C}$

Electrical Properties

Max. Working Voltage : 1000V AC (rms)
Min. Insulation Resistance @ $20 \pm 5^{\circ}\text{C}$: 50M Ω .km
Spark test : 4000V AC
Voltage test : 1.5kV AC

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 3 (Class 3 to BS 4808)	63/0.2	General Purpose PVC	0.6	3.05	9.7
	30/0.25			2.85	13.1
	50/0.25		0.7	3.45	7.82

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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