

**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 × O.D mm
Operating Temperature : -20°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

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)	24/0.2	Hard PVC	0.6	2.35	25.5
	32/0.2			2.55	19.1
	63/0.2			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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.