multicomp

EQUIPMENT WIRE

SPECIFICATION	CONDUCTOR	NUMBER & SIZE OF WIRES MM	MAXIMUM WORKING VOLTAGE RMS	NOMINAL CURRENT RATING	INSULATION	NOMINAL OVERALL DIAMETER MM	INSULATION THICKNESS MM	TEMPERATURE	RESISTANCE
1/0 6MM (0 28MM²) type 2	TINNED ANNEALED COPPER WIRE	SINGLE STRAND 0 6MM (DIA)	1KV r m s		PVC	1 2MM	0.3MM	1.8 AMP AT 70°C AMBIENT 3.0 AMP AT 25°C AMBIENT	20°C 64Ω/KM
10/0 1MM MINIATURE (0 078MM²)	TINNED ANNEALED COPPER WIRE	10 X 0 1MM	1KV r m s	0 5 AMPS	PVC	1 05MM	0 3MM	3 0 AMP AT 70°C AMBIENT 2 0 AMPS AT 25°C AMBIENT	
7/0 2MM (0 22MM²) type 1	TINNED ANNEALED COPPER WIRE	7 X 0 2MM	750V r m s		PVC	1.0MM	0 2MM	1 4 AMPS AT 70°C AMBIENT 2 0 AMPS AT 25°C AMBIENT	20°C 88Ω / KM
7/0 2MM (0 22MM²) type 2	TINNED ANNEALED COPPER WIRE	7 X 0 2MM	1KV r m s		PVC	1 20MM	0 3MM	1 4 AMPS AT 70°C AMBIENT 2 0 AMPS AT 25°C AMBIENT	20°C 88Ω / KM
16/0 2mm (0 5mm²) type 2	TINNED ANNEALED COPPER WIRE	16 X 0 2MM	1KV r m s		PVC	1 55MM	0 3MM	3 0 AMPS AT 70°C AMBIENT. 4.0 AMPS AT 25°C AMBIENT	20°C 38 Ω / KM
16/0 2mm (0 5mm²) type 3	TINNED ANNEALED COPPER WIRE	16 X 0 2MM	1 5KV r.m s		PVC	2 13MM	0.6MM	3 0 AMPS AT 70°C AMBIENT. 4 0 AMPS AT 25°C AMBIENT	20°C 38 Ω / KM
24/0 2MM (0 75MM²) type 2	TINNED ANNEALED COPPER WIRE	24 x 0 2mm	1KV r m s.		PVC	2 05MM	0 45MM	4 5 AMPS AT 70°C AMBIENT 6 0 AMPS AT 25°C AMBIENT	20°C 25 5 Ω/ KM
24/0 2MM (0 75MM²) type 3	TINNED ANNEALED COPPER WIRE	24 x 0.2mm	1 5KV r m s.		PVC	2 34MM	0.6MM	4 5 AMPS AT 70°C AMBIENT 6 0 AMPS AT 25°C AMBIENT	20°C 25 5 Ω/ KM
32/0 2MM (1 0 MM²) type 3	TINNED ANNEALED COPPER WIRE	32 X 0 2MM	1 5KV r m s		PVC	2 52MM	0 6MM	6 0 AMPS AT 70°C AMBIENT 10.0 AMPS AT 25°C AMBIENT	20°C 19.1Ω / KM
63 0 2MM (2 0MM²) type 3	TINNED ANNEALED COPPER WIRE	63 X 0 2MM	1.5KV r m s		PVC	3.00MM	0 6MM	11 AMPS AT 70°C AMBIENT 18 0 AMPS AT 25°C AMBIENT	20°C 9.7 Ω / KM

296-466 → 296-557

Insulated wires to Defence Standard 61-21 part 6 types 1,2 and 3 also comply for corresponding standings and types, with the requirements of BS4808 classes 1,2 and 3 Because the requirements set by the Ministry of Defence in Defence Standard 61-12 part 6 are more rigorous than the requirements in BS4808, the converse is not necessarily true

The maximum recommended operating temperature for these wires is 85°C. Defence Standard current ratings quoted below will give a 15°C temperature rise at an ambient temperature of 70°C for single wires freely ventilated Commercial ratings are suggested for use at 25°C ambient

Equipment wire with 10/0.1mm conductors is a stranding size not specifically listed in DEF.STAN.61-12 part 6. Because of its suitability for in conformance with specifications for similar size wires included in the specification.