

## DEFENCE STANDARD 61-12 TYPE 3



Def Stan 61-12 Part 6 compliant cables, available in Types 1, 2, and 3, are designed for internal wiring within electronic equipment across military and industrial settings. Originally developed for defense and military applications, Def-Stan cables have become key components in heavy industrial environments, avionic control systems, and computer data processing units. Resilient against contamination from fuel and mineral-based fluids, these cables guarantee seamless performance even in the harshest conditions

<b>CONDUCTOR</b>	Tinned Copper
<b>INSULATION</b>	PVC
<b>OUTERSHEATH COLOUR</b>	Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Brown, Pink, Yellow, Green
<b>RATED VOLTAGE</b>	1500V
<b>OPERATING TEMPERATURE</b>	-20 °C to +85 °C
<b>STANDARDS</b>	Defence Standard 61-12 Part 6 BS4808

# SPECIFICATION DATA

No of cores	Nominal cross sectional area (mm <sup>2</sup> )	Construction conductor (mm)	Minimum thickness of insulation (mm)	Radial thickness of insulation (mm)	Minimum overall diameter (mm)	Maximum overall diameter (mm)	Weight (kg/km)
1	0.50	16/0.2	0.5	0.6	2	2.25	8.92
1	0.75	24/0.2	0.5	0.6	2.2	2.45	11.57
1	1	32.02	0.5	0.6	2.4	2.65	14.6
1	2	-	-	-	-	-	-

BATT Part No Red	BATT Part No Brown	BATT Part No Yellow	BATT Part No Orange	BATT Part No Green/Yellow	BATT Part No Grey	BATT Part No Violet	BATT Part No Black	BATT Part No Pink	BATT Part No Blue	BATT Part No Green	BATT Part No White	No of cores	Nominal cross sectional area (mm <sup>2</sup> )
34099	34100	34102	34104	34106	34064	-	-	-	-	-	-	1	0.50
34023	34026	-	34028	-	34108	34107	34025	34027	34029	34031	34032	1	0.75
34034	34067	-	34110	-	34109	-	34035	34036	34038	34070	-	1	1
-	34051	-	34045	-	-	-	-	-	-	-	-	1	2

## ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm <sup>2</sup> )	Maximum DCR at 20 °C	Current carrying capacity at 70 °C
0.50	38.2	3
0.75	25.5	4.5
1	19.1	6
1	-	-

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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