

DEFENCE STANDARD 61-12 TYPE 2



Cables compliant with Def Stan 61-12 Part 6 specifications, offered in Types 1, 2, and 3, are engineered for internal wiring within electronic equipment in military and industrial environments. Initially crafted for defense purposes, Def-Stan cables have evolved into vital components in rugged industrial settings, avionic controls, and computer data processing units. With resistance to fuel and mineral-based fluid contamination, these cables ensure uninterrupted performance even in the most challenging conditions.

CONDUCTOR	Tinned Copper
INSULATION	PVC
OUTERSHEATH COLOUR	Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Brown, Pink, Yellow, Green
RATED VOLTAGE	1000V
OPERATING TEMPERATURE	-15 °C to +85 °C
STANDARDS	Defence Standard 61-12 Part 6 BS4808

SPECIFICATION DATA

No of cores	Nominal cross sectional area (mm ²)	Construction conductor (mm)	Minimum thickness of insulattaton (mm)	Radial thickness of insulation (mm)	Minimum overall diameter (mm)	Maximum overall diameter (mm)	Weight (kg/km)
1	0.22	7/0.2	0.25	0.3	1.1	1.3	3.13
1	0.50	16/0.2	0.25	0.3	1.45	1.65	6.11
1	0.75	24/0.2	0.4	0.4	1.95	2.15	9.85

BATT Part No Red	BATT Part No Black	BATT Part No Green	BATT Part No White	BATT Part No Pink	BATT Part No Blue	BATT Part No Violet	BATT Part No White/Blue	BATT Part No Violet/Red	BATT Part No Brown	BATT Part No White/Orange	BATT Part No Yellow	BATT Part No Grey	BATT Part No Orange	BATT Part No Green/Yellow	No of cores	Nominal cross sectional area (mm ²)
34001	34002	34003	34005	34007	34008	34082	34210	-	-	-	-	-	-	-	1	0.22
34013	34014	34017	34015	34018	34016	34086	-	34055	34068	34243	34083	34084	34085	34087	1	0.50
34088	34020	34095	34091	34093	34090	34097	-	-	34089	-	34092	34094	34096	34098	1	0.75

ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm ²)	Maximum DCR at 20 °C	Current carrying capacity at 70 °C
0.22	88	1.4
0.50	38.2	3
0.75	25.5	4.5

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.

www.battcables.com | 01322 441165

©2024 Batt Cables Limited

