

# Defence Standard 61-12 Part 4 - 7-1-C Screened Multicore Cable

pro-POWER

RoHS  
Compliant



## Specifications:

Conductor Material	: Tinned Copper
Conductor Area CSA	: 0.055mm <sup>2</sup>
Construction	: T0.1± 0.008×7
Stranded Dia.(mm)	: 0.3
Insulation Material	: PVC
Insulation Colours	: See Insulation Colours Table
Insulation Thickness	: 0.2
Insulation Dia.(+/-0.05mm)	: 0.7
Braid Shield	: Tinned Copper
Nylon Rip Cord	: 150D
Jacket Material	: PVC
Jacket Colour	: Black
Jacket Thickness (mm)	: 0.35

## Electrical Characteristics:

Max.Conductor DC Resistance at 20°C (Ω/Km)	: <338.6
20°C Insulation Resistance (MΩ/Km)	: >200
Working Temperature Range	: -30°C to +70°C
Rated Max. Temperature(°C)	: 80
Rated Voltage(V)	: 250

## Insulation Colours table

Core Number	Colour	Core Number	Colour
1	Red	14	Green/Red
2	Blue	15	Yellow/Red
3	Green	16	White/Red
4	Yellow	17	Red/Black
5	White	18	Red/Brown
6	Black	19	Yellow/Blue
7	Brown	20	White/Blue
8	Violet	21	Blue/Black
9	Orange	22	Orange/Blue
10	Pink	23	Green/Blue
11	Turquoise	24	Grey/Blue
12	Grey	25	Yellow/Green
13	Red/Blue		

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## Part Number Table

Description	Core No.	Jacket Diameter (mm)	Braiding	Filler	Reel Length (m)	Part Number	
Cable, Screen, DEF 7-1-2C	2	2.8	T0.1×16×4	-	25	PP000291	
					100	PP000292	
Cable, Screen, DEF 7-1-3C	3	3			25	PP000293	
					100	PP000294	
Cable, Screen, DEF 7-1-4C	4	3.2	T0.1×16×5		25	PP000295	
					100	PP000296	
Cable, Screen, DEF 7-1-6C	6	3.6	T0.1×16×6		0.7PVC Strip	25	PP000297
						100	PP000298
Cable, Screen, DEF 7-1-9C	9	4.2	T0.1×16×8	1.3 PVC Strip	25	PP000299	
					100	PP000300	
Cable, Screen, DEF 7-1-12C	12	4.4		-	25	PP000301	
					100	PP000302	
Cable, Screen, DEF 7-1-15C	15	5.2	T0.15×16×6		25	PP000303	
					100	PP000304	
Cable, Screen, DEF 7-1-25C	25	6.3	T0.15×16×8		25	PP000305	
					100	PP000306	

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