

Def Stan 61-12 Part 4 -7-2-_C (_c scr 7x0.2 Defstan)



IEWC[®]
GLOBAL SOLUTIONS

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Product Description

Application:

Multi-conductor-audio, control & Instrumentation Cables.

Multi-construction

(2\3\4\8\10\12\15\18\20\25\36) Cores

Conductor

Electrolytic Annealed Tinned Copper Conductor 7/0.20±0.008mm
Max conductor resistance of completed cable@20°C 92Ω/km
Current Rating(per core) Max 1.0Amp

Insulation & Conductors

Core insulation of PVC to BS 6746 type 2 Nom. Radial Thickness 0.30mm
Nominal Overall φ of Conductor 1.20±0.05mm
Number of Conductors as per IEWC Part Number
Conductors Colour Coded as per DEF.STAN. 61-12 Part 4

Wrap

Cores wrapped with Plastic Tape ≥ 115%

Braid Shield

Tinned Copper, coverage area 91±3%

Sheath

Nylon rip cord (optional)
PVC jacket to BS 6746 Type 6, Radial Thickness as per Part Number
Temp. Range. 0°C to + 70°C

Marking

DEF.STAN. 61-12 PART 4 7-2-C CE RoHS Batch Number**

MM/YY +m**

Example

DEF.STAN. 61-12 PART 4 7-2-**C CE RoHS Batch Number 04/18 +18m

Packing

25M/Reel
100M/Reel
500M/Drum

Specification

DEFENCE STANDARD 61-12 PART 4

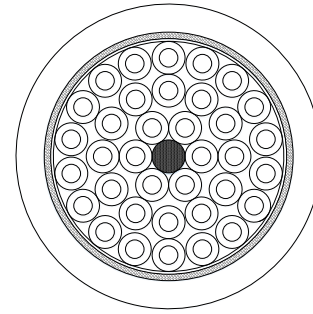
Colour Code

1. Red 2.Blue 3. Green 4. Yellow 5. White 6.Black 7. Brown 8. Violet
9. Orange 10.Pink 11. Turquoise 12. Grey 13. Red/Blue 14. Green/Red
15. Yellow/Red 16. White/Red 17. Red/Black 18. Red/Brown
19. Yellow/Blue 20. White/Blue 21. Blue/Black 22. Orange/Blue
23. Green/Blue 24. Grey/Blue 25. Yellow/Green 26. White/Green
27. Green/Black 28. Orange/Green 29. Grey/Green 30. Yellow/Brown
31. White/Brown 32. Brown/Black 33. Grey/Brown 34. Yellow/Violet
35. Violet/Black 36. White/Violet

Exception for Cable 7-2-8C*

The core diameter of red wire has another option, which is 1.80mm.

Design



Construction

IEWC Part No.	Reel Size	Cable Ref.	Jacket Thickness Nom.(mm)	Jacket Ø(mm)	Jacket Color
32051807	25M	7-2-2C	0.45	3.9mm	Black
32051808	100M				
2000957	500M				
32051809	25M	7-2-3C	0.45	4.1mm	Black
32051811	25M	7-2-4C	0.45	4.4mm	Black
32051812	100M				
32051813	500M				
2000963	500M				
32051744	25M				
32051745	100M	7-2-6C	0.55	5.6mm	Black
32051814	25M				
32051815	100M				
2000966	500M	7-2-8C*	0.55	6.1mm	Black
32051816	25M				
32051817	100M				
2000968	500M				
32051746	25M				
32051747	100M	7-2-10C	0.55	6.4mm	Black
32051818	25M				
32051819	100M				
32051820	25M	7-2-12C	0.55	6.9mm	Black
32051821	100M				
32051748	25M				
32051749	100M				
32051822	25M	7-2-15C	0.60	7.8mm	Black
32051823	100M	7-2-18C	0.65	8.2mm	Black
32051824	25M				
32051826	25M				
32051827	100M	7-2-20C	0.65	8.6mm	Black
2000953	500M	7-2-25C	0.65	9.5mm	Black
32051829	100M				
32051830	25M				
32051831	100M	7-2-36C	0.75	10.8mm	Black
32149008	200M				
32149009	500M				
Design Number		10483	Revision History		
Issue	Date	Notes			
01	21/03/24	Update the insulation diameter tolerance			
02	21/05/18	Add part number 200m,500m package of 36			
03	21/07/09	Add the exception for cable 7-2-8C			