Defence Standard 61-12 Part 5 Cable



Description

These Multi-Core flexible cables are designed for high density wiring between components and within instruments and electronic equipment. They are extensively used in aircraft, process control systems, computers, data processors, military vehicles and military equipment.

Key Features

Voltage Rating
440 volts RMS, suitable for frequencies up to 1.6kHz

Minimum Bending Radius
7.5 x overall diameter

Temperature Limits
Fixed: -30°C to +70°C
Flexing: -15°C to +70°C

Standards

- Generally to Ministry of Defence Standard DEF 61-12 PVC
  Part 4 for 7/0.2 conductors
  Part 5 for 16/0.2 conductors

Construction

- **Conductor**: Class 5 Flexible Tinned Copper
- **Insulation**: Polyvinyl Chloride (PVC)
- **Braiding**: Tinned Copper Wire Braiding (TCWB)
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Defence Standard 61-12 Part 5 Cable - Dimensions

Reference	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
DEFSTANP5U2	2	0.90	5.50	35
DEFSTANP5OS2	2	0.90	6.40	70
DEFSTANP5IS2	2	0.90	6.00	480
DEFSTANP5U3	3	0.90	5.80	40
DEFSTANP5OS3	3	0.90	6.80	80
DEFSTANP5IS3	3	0.90	6.80	60
DEFSTANP5U4	4	0.90	6.20	55
DEFSTANP5OS4	4	0.90	7.20	90
DEFSTANP5IS4	4	0.90	7.40	75
DEFSTANP5U6	6	0.90	7.20	75
DEFSTANP5OS6	6	0.90	8.20	115
DEFSTANP5IS6	6	0.90	8.60	115
DEFSTANP5IS7	7	0.90	8.60	125
DEFSTANP5U8	8	0.90	8.50	95
DEFSTANP5OS8	8	0.90	8.80	140
DEFSTANP5OS10	10	0.90	9.30	165
DEFSTANP5U12	12	0.90	9.50	125
DEFSTANP5OS12	12	0.90	10.60	185
DEFSTANP5IS12	12	0.90	11.30	185
DEFSTANP5U18	18	0.90	11.00	185
DEFSTANP5OS18	18	0.90	12.00	250
DEFSTANP5IS18	18	0.90	13.40	270
DEFSTANP5U25	25	0.90	13.20	240
DEFSTANP5OS25	25	0.90	14.00	330
DEFSTANP5IS25	25	0.90	16.00	360

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