Defence Standard 61-12 Part 4 Cable



Description

These Multi-Core flexible cables are designed for high density wiring between components 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
7/0.1mm cores: 250V r.m.s., up to 1.6 kHz
7/0.2mm cores: 440V r.m.s., up to 1.6 kHz

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

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 4 Cable - Dimensions

Reference	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
DEFSTANP4U2	2	0.45	3.40	14
DEFSTANP4OS2	2	0.45	3.80	24
DEFSTANP4IS2	2	0.45	4.20	22
DEFSTANP4U3	3	0.45	3.50	17
DEFSTANP4OS	3	0.45	4.00	29
DEFSTANP4IS3	3	0.45	4.50	30
DEFSTANP4U4	4	0.45	3.80	20
DEFSTANP4OS	4	0.45	4.30	34
DEFSTANP4IS4	4	0.55	5.10	40
DEFSTANP4U6	6	0.45	4.40	30
DEFSTANP4OS6	6	0.55	5.50	55
DEFSTANP4IS6	6	0.55	6.10	60
DEFSTANP4OS8	8	0.55	5.60	60
DEFSTANP4U12	12	0.55	6.00	55
DEFSTANP4OS12	12	0.55	6.80	85
DEFSTANP4IS12	12	0.65	8.30	110
DEFSTANP4U18	18	0.65	7.20	80
DEFSTANP4OS18	18	0.65	8.10	110
DEFSTANP4IS18	18	0.65	9.60	155
DEFSTANP4U25	25	0.65	8.60	100
DEFSTANP4OS25	25	0.65	9.50	150
DEFSTANP4IS25	25	0.75	11.70	210
DEFSTANP4U36	36	0.65	9.70	140
DEFSTANP4OS36	36	0.75	10.70	200
DEFSTANP4IS36	36	0.75	13.00	295
DEFSTANP4U50	50	0.75	11.50	200
DEFSTANP4OS50	50	0.75	12.50	270
DEFSTANP4IS50	50	0.90	15.40	420

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