



K. LACEY WIRES AND CABLES

PVC MULTICORE CABLE Pt.5

MANUFACTURED TO DEF 61-12 Pt. 5

Sheet 1 of 2

These cables are suitable for the internal wiring of electronic equipment, instrumentation purposes, process control systems, data processing and computers.

These cables are not suitable to be used as power cables.

They are resistant to fuels and mineral based fluids and lubricants but not to ester-based fluids and lubricants.

These cables consist of Tinned Copper Conductors, insulated with PVC. Braided types are screened with tinned copper wires and an overall PVC sheath.

TYPES AVAILABLE AND GENERAL CHARACTERISTICS

See charts on next sheet for size and dimension information

Conductor Details/ Cable Type		
16/0.2mm (0.50mm ²) Nominal Conductor Dia. 0.93mm Maximum Conductor Resistance of Completed Cable 40.10 ohms/km @ 20°C Maximum Current 2.5AMP		
37/0.315 (2.90mm ²) Nominal Conductor Dia. 2.21mm Maximum Conductor Resistance of Completed Cable 6.79 ohms/km @ 20°C Maximum Current 13AMP		
Unscreened (16-2-*A)	Collectively Screened (16-2-*C)	Individually Screened (16-2-*D)
Unscreened (37-3-*P)	Collectively Screened (37-3-*R)	

VOLTAGE RATING

Working Voltage up to 440V (r.m.s.) at frequencies up to 1.6kHz.

TEMPERATURE RANGE

Recommended maximum (conductor) operating temperature 70°C (can be operated slightly higher for short periods).

COLOUR RANGE

Standard sheath colour – Black

Grey and White may be available to special order (Only Black Sheath meets Nato Stock Number)

Core Colour Designation :					
Core No.	Colour Code	Core No.	Colour Code	Core No.	Colour Code
1	Red	13	Red/Blue	25	Yellow/Green
2	Blue	14	Green/Red	26	White/Green
3	Green	15	Yellow/Red	27	Green/Black
4	Yellow	16	White/Red	28	Orange/Green
5	White	17	Red/Black	29	Grey/Green
6	Black	18	Red/Brown	30	Yellow/Brown
7	Brown	19	Yellow/Blue	31	White/Brown
8	Violet	20	White/Blue	32	Brown/Black
9	Orange	21	Blue/Black	33	Grey/Brown
10	Pink	22	Orange/Blue	34	Yellow/Violet
11	Turquoise	23	Green/Blue	35	Violet/Black
12	Grey	24	Grey/Blue	36	White/Violet

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceyables.co.uk

INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED



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Sheet 2 of 2

TYPE	No. Of Cores	Dia. over collective or outer screen Max. mm	Min. O/Dia. mm	Max. O/Dia. mm	Approx Weight kg / km	Nato Stock No. 6145-99-
Unscreened						
16-2-2A	2	-	5.10	5.90	34.00	6145-99-111-6715
16-2-3A	3	-	5.40	6.20	42.00	6145-99-111-6722
16-2-4A	4	-	5.90	6.70	52.00	6145-99-111-6726
16-2-6A	6	-	6.90	7.70	75.00	6145-99-111-6733
16-2-12A	12	-	9.10	9.90	120.00	6145-99-111-6743
16-2-18A	18	-	10.50	11.50	180.00	6145-99-111-6749
16-2-25A	25	-	12.60	13.60	230.00	6145-99-111-6756
Collectively Screened						
16-2-2C	2	4.95	6.10	6.90	69.00	6145-99-111-6717
16-2-3C	3	5.25	6.40	7.20	79.00	6145-99-111-6724
16-2-4C	4	5.90	6.90	7.70	92.00	6145-99-111-6728
16-2-6C	6	6.90	7.90	8.70	120.00	6145-99-111-6735
16-2-12C	12	9.10	10.00	11.11	190.00	6145-99-111-6745
16-2-18C	18	10.40	11.50	12.50	250.00	6145-99-111-6751
16-2-25C	25	12.80	13.40	14.60	320.00	6145-99-111-6758
16-2-36C	36	14.40	15.50	16.70	450.00	6145-99-111-6760
16-2-60C	60	18.00	19.10	20.300	670.00	6145-99-111-6761
Individually Screened						
16-2-2D	2	-	6.00	6.80	47.00	6145-99-111-6718
16-2-3D	3	-	6.40	7.20	60.00	6145-99-111-6725
16-2-4D	4	-	7.00	7.80	75.00	6145-99-111-6729
16-2-6D	6	-	8.30	9.10	110.00	6145-99-111-6736
16-2-12D	12	-	10.80	11.80	190.00	6145-99-111-6746
16-2-18D	18	-	12.80	13.80	270.00	6145-99-111-6752
16-2-25D	25	-	13.30	16.50	360.00	6145-99-111-6759
Unscreened						
37-3-2P	2	-	5.40	8.90	98	6145-99-111-6719
37-3-4P	4	-	9.80	10.80	180	6145-99-111-6730
Collectively Screened						
37-3-2R	2	5.0x8.5	9.5x6.0	10.3x6.80	150	6145-99-111-6721
37-3-4R	4	9.90	10.80	11.80	253	6145-99-111-6732

Also available conductor 7/0.2 – refer to datasheet PVC MULTICORE CABLE Pt.4

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