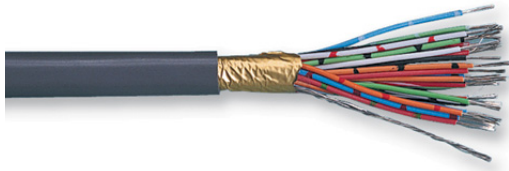


MCOS Series

Data Transmission Cables

PRO-POWER
Quality Cables



Features:

- Tinned copper conductors 24 AWG (7/32 AWG).
- PVC insulated overall.
- Screened in aluminium-polyester foil providing 100% external screening.
- Termination of the foil screen is by means of a stranded 24 AWG tinned copper drain wire.
- Applications include sound, broadcast, audio and instrumentation.

Mechanical Data

Inner Conductor	: 7 x 0.20mm tinned copper
Insulation	: Semi-rigid PVC.
Screen(s)	: Overall Aluminium/polyester tape. Aluminium side in, with a 19 x 0.127mm tinned copper drain wire under the screen.
Construction	: 5 cores twisted together around a central cotton yarn and wrapped with a polyester tape.
Sheath	: PVC.

Electrical Data

Capacitance between conductors	: Up to 8 core 108pF/m 10 core plus 98pF/m.
Inner Conductor(s)	: Nominal 78.7 ohms/km.
Maximum Operating Temperature	: +80°C.
Voltage rating	: 300V.
Capacitance between one conductor and another conductor connected to screen, upto 8-core is 213pF/m, 10 core plus is 180pF/m.	

Specifications

Cores	Nominal Radial Insulation	Nominal Radial Thickness Sheath	Nominal Diameter Tolerance ± 0.15	Weight kg/km	Reel Length (m)	Part Number
3	0.25	0.89	4.3 ± 0.15	26	100	MCOS3C24100M RI-GREY
4			4.8 ± 0.15	29		MCOS4C24100M RI-GREY
5			-	-	5.0 ± 0.15	35
	4.95 ± 0.20	32			100	MCOS5C24100M RI-GREY
6	0.25	0.89	5.5 ± 0.15	40		100
8			5.8 ± 0.15	47	25	MCOS8C25M RI-GREY
			100	MCOS8C24100M RI-GREY		
10			6.4 ± 0.15	57	25	MCOS10C2425M RI-GREY
15			7.4 ± 0.15	78		MCOS15C2425M RI-GREY
25	1.07	9.1 ± 0.15	120	100		MCOS25C2425M RI-GREY
				100	MCOS25C24100M RI-GREY	

Dimensions : Millimetres (Unless Specified)

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Colour Code Chart

Condition	Colour
1st	Black
2nd	White
3rd	Red
4th	Green
5th	Orange
6th	Blue
7th	White/Black
8th	Red/Black
9th	Green/Black
10th	Orange/Black
11th	Blue/Black
12th	Black/White
13th	Red/White
14th	Green/White
15th	Blue/White
16th	Black/Red
17th	White/Red
18th	Orange/Red
19th	Blue/Red
20th	Red/Green
21st	Orange/Green
22nd	Black/White/Red
23rd	White/Black/Red
24th	Red/Black/White
25th	Green/Black/White

For the multicoloured cores, (Cores 7 through to 25), the dominant colour is the first shown in the chart. There may then be one or two narrow bands of another colour.

eg:

Core N° 24 Colouring

MCOS Series

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Notes:

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