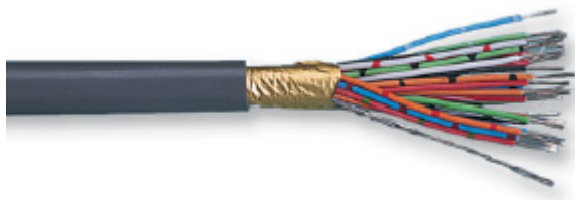


# Data Transmission Cables

pro-POWER

## MCOS Series



### 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 × 0.2 mm tinned copper
Insulation	: Semi-rigid PVC
Screen (s)	: Overall aluminium / polyester tape. Aluminium side in, with a 19 × 0.127 mm 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 108 pF / m 10 core plus 98 pF / m
Inner Conductor's	: Nominal 78.7 Ω / km
Maximum Operating Temperature	: +80°C
Voltage Rating	: 300 V
Capacitance between one conductor and another conductor connected to screen, upto 8-core is 213 pF / m, 10 core plus is 180 pF / m	

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 ±0.2	32			100	MCOS5C24100M RI-GREY
6	0.25	0.89	5.5 ±0.15	40		MCOS6C24100M RI-GREY
10			6.4 ±0.15	57	25	MCOS10C2425M RI-GREY
15			7.4 ±0.15	78		MCOS15C2425M RI-GREY

Dimensions : Millimetres (Unless Specified)

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