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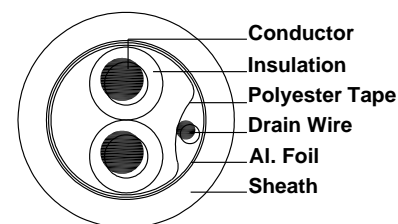
## Part No: MC102S

Description	Stranded 20AWG PACW, Single Twisted Pair, PVC Insulated, Aluminium Polyester Tape Overall Screen, TACW 24AWG Drain Wire, V-90 HT PVC Sheath.
Suitable Applications	These data cables are used to connect equipment operating on the EIA – RS232 Standard (Unbalanced).

### Cable Construction Drawing



### Cable Construction Relative Parts



Multicore Data Cable

### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	20	10/0.25	0.49	0.92	PACW
Insulation	Pair : 1 Material : PVC Colour : Red/Black Nominal Thickness (mm) : 0.35 Nominal OD (mm) : 1.7				
Screen	Material : Al. Foil Polyester Tape			Coverage: 100%	
Drain Wire	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	24	7/0.20	0.22	0.60	TACW
Sheath	Material : V-90 HT PVC Colour : Black Nominal Thickness (mm) : 0.60 Nominal OD (mm) : 4.7				

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### Electrical Properties

Max. Conductor DC Resistance @ 20°C	36.6Ω/km
Voltage Test: Core to Core	1.0 kV ac/1min
Voltage Test: Core to Screen	1.0 kV ac/1min
Voltage	ELV

### Mechanical Properties

Operating Temperature Range	-15 to 90°C
Max. Recommended Pulling Tension	68N
Min. Bend Radius (install)	47mm
Approximate Mass	3.0kg/100m

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 3"	4R	
500m	Wooden Reel	W30 x H21.8cm	1R	

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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