



## Screened Round & Flat Ribbon Cable

### Ribbon Construction

Conductor:	Stranded bare copper wire
Stranding:	7/0.127mm
AWG:	28
Pitch:	1.27mm
No. of Ways:	see table below
Colour Code:	Grey with Red tracer
Insulation/Inner Jacket:	Polyvinylchloride (PVC)
Folding/Slitting:	S-or-Z fold, slitted periodically (35mm slitted, 25mm not slitted)
Screen:	Overall Aluminium/polyester tape
Shield:	Tinned copper braid, 85% coverage
Outer Jacket:	Polyvinylchloride (PVC), Black

### Technical Characteristics

Test Voltage at 50Hz eff. 1min.	> 2 kV
Insulation resistance (min.)	100 MOhm/km
Conductor resistance (max.)	216 Ohm/km
Capacitance (max.)	60 pF/m
Impedance (GSG)	100 Ohm
Current (max.)	2.1 A
Operating voltage (max.)	300 V
Static Temperature range	-30°C up to +75°C
Operating Temperature range	-20°C up to +75°C

No. of Ways	Part Number	Width (mm)	Total Pitch (mm)	Ø - Outer Jacket (mm)
9	53809	11.43	10.16 ± 0.20	6.30
10	53810	12.70	11.43 ± 0.20	6.40
14	53814	17.78	16.51 ± 0.20	7.20
15	53815	19.05	17.78 ± 0.20	7.30
16	53816	20.32	19.05 ± 0.20	7.40
20	53820	25.40	24.13 ± 0.20	7.80
24	53824	30.48	29.21 ± 0.25	9.00
25	53825	31.75	30.48 ± 0.25	9.00
26	53826	33.02	31.75 ± 0.25	9.00
30	53830	38.10	36.83 ± 0.30	9.20
34	53834	43.18	41.91 ± 0.30	10.20
36	53836	45.72	44.45 ± 0.30	10.40
37	53837	46.99	45.72 ± 0.30	10.50
40	53840	50.80	49.53 ± 0.30	11.30
50	53850	63.50	62.23 ± 0.40	11.60
60	53860	76.20	74.93 ± 0.50	12.90
64	53864	81.28	80.01 ± 0.50	13.30

The cable images represented on this specification are indicative only and may be subject to change at Belcom's discretion. All values represented in this specification should be used as a guide only and exact details can be confirmed at point of enquiry.