

SCREENED MULTI-CORE RS232

ACA N1155 (AUSTEL APPROVED)



Applications: Data Communication, Interface Cable
Conductor: Oxygen Free Plain Copper Wire to AS1125
Insulation: RoHS Compliant 75°C PVC to AS3808 and S008
Core Colours:

1. Red	6. Black	11. Tan	16. White / Red	21. Blue / Black
2. Blue	7. Brown	12. Grey	17. Red / Black	22. Orange / Blue
3. Green	8. Violet	13. Red / Blue	18. Red / Tan	23. Blue / Green
4. Yellow	9. Orange	14. Red / Green	19. Yellow / Blue	24. Grey / Blue
5. White	10. Pink	15. Yellow / Red	20. White / Blue	25. Yellow / Green

Screen: Overall Aluminium / Polyester Laminate Tape Screen with a 7/0.2mm Tinned Copper Drain Wire
Sheath: RoHS Compliant 75°C PVC to AS3808
Sheath Colour: Grey
Packs: 100, 250, 300, 500 metres, bulk drum - depending on product type

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	CAPACITANCE WIRE - WIRE (pF/m) typical	NOMINAL O.D. (mm)	MASS (kg/100m)
DMC4702*	4	7/0.2	0.2	1.4	0.3	0.76	89.5	90	4.55	3.2
DMC6702*	6	7/0.2	0.2	1.4	0.3	0.76	89.5	90	5.4	4.2
DMC8702*	8	7/0.2	0.2	1.4	0.3	0.76	89.5	90	5.6	5.4
DMC12702*	12	7/0.2	0.2	1.4	0.3	0.76	89.5	90	6.6	6.6
DMC18702*	18	7/0.2	0.2	1.4	0.3	0.76	89.5	90	7.6	9.0
DMC25702*	25	7/0.2	0.2	1.4	0.3	0.76	89.5	90	8.8	11.9
DMC41402**	4	14/0.2	0.4	2.8	0.3	0.76	44.8	100	5.3	5.5
DMC71402**	7	14/0.2	0.4	2.8	0.3	0.76	44.8	100	6.2	6.8

NOTE: (i) Maximum working voltage 300 Volts
 * AUSTEL APPROVED A93/CA/0123 (7/0.2)
 (ii) Not Suitable For Connection To Mains Power GPO
 ** AUSTEL APPROVED A93/CA/0122 (14/0.2)

RS485 OVERALL SCREEN & BRAID

ACA N1155 (AUSTEL APPROVED)

Applications: Data Communication, Low Capacitance

Conductor: Tinned Copper Wire to AS1125

Insulation: Data Grade Polyethylene

Core Colours: Pair 1: Black & White Pair 2: Red & Green

Screen: Overall Aluminium / Polyester Laminate Tape Screen with a 7/0.2mm Tinned Copper Drain Wire

Braid: Tinned Copper Wire

Sheath: RoHS Compliant 75°C PVC to AS3808

Sheath Colour: Grey

Packs: 100, 500 metres

CODE	PAIRS	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	CAPACITANCE		IMPEDANCE OHMS	NOMINAL O.D. (mm)	MASS (kg/100m)
							WIRE TO WIRE (pF/m)	WIRE TO SCREEN (pF/m)			
DCK2702*	1	7/0.2	0.2	0.65	0.80	90.9	45	80	120	6.0	4.8
DCK4702	2	7/0.2	0.2	0.65	0.80	90.9	45	80	120	7.0	6.9

NOTE: (i) Not Suitable For Connection To Mains Power GPO

* AUSTEL APPROVED A93/CA/0112

MULTI-PAIR OVERALL SCREEN RS422

ACA N1155 (AUSTEL APPROVED)

Applications: Data Communication, Balanced Mode, Low Capacitance

Conductor: Tinned Copper Wire to AS1125

Insulation: Data Grade Polypropylene

Core Colours: Pair 1: White / Blue & Blue Pair 5: White / Grey & Grey Pair 9: Red / Tan & Brown
 Pair 2: White / Orange & Orange Pair 6: Red / Blue & Blue Pair 10: Red / Grey & Grey
 Pair 3: White / Green & Green Pair 7: Red / Orange & Orange Pair 11: Black / Light Blue & Blue
 Pair 4: White / Brown & Brown Pair 8: Red / Green & Green Pair 12: Black / Orange & Orange**

Screen: Overall Aluminium / Polyester Laminate Tape Screen with a 7/0.2mm Tinned Copper Drain Wire

Sheath: RoHS Compliant 75°C PVC to AS3808 and S008

Sheath Colour: Grey

Packs: 100, 250, 300, 500 metres

CODE	MADE TO ORDER	NO. OF PAIRS	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	CAPACITANCE		NOMINAL O.D. (mm)	MASS (kg/100m)
									WIRES OF A PAIR (pF/m)	BETWEEN 1 WIRE AND ALL OTHERS (pF/m)		
DPF2702*		1	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	4.2	2.3
DPF4702*		2	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	5.8	3.3
DPF6702*		3	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	6.2	4.0
DPF8702	o	4	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	6.6	4.7
DPF12702	o	6	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	7.7	6.2
DPF16702	o	8	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	8.5	7.1
DPF20702	o	10	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	9.4	8.9
DPF24702	o	12	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	10.0	10.3
DPF36702	o	18	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	12.0	14.2
DPF50702	o	25	7/0.2	0.22	1.4	0.3	0.75	90.9	50	95	13.3	18.5

NOTE: (i) Maximum working voltage 300 Volts - Not Suitable For Connection To Mains Power GPO

* AUSTEL APPROVED A93/CA/0111

**Core Colours for 18 Pair and 25 Pair available upon request