

DATA CABLE - MULTI CORE

RS232 Overall Screened Austel Approved



Application: Internal and external inter-connections data communication equipment. (eg. Computers, PLCs, Intercoms, telemetering, signaling, alarm systems) **(RS232 unbalanced Construction)**

Construction: Tinned annealed copper wire conductor.
PVC Insulated to UL Style 1729.
Cores laid-up around centre core or filler.
Colour code - see chart this page
Screened by Aluminium/Polyester laminated foil tape (100%) with a 7/0.20mm tinned copper drain wire.
Sheathed in flame retardant UL Style 2464 Mist grey.

Packing: 100, 200, 300, 400 & 500 meter drum or as required

Note: Maximum working voltage for cable is 300Volt RMS, Not suitable for mains connection.

COLOUR CHART FOR MULTI CORE DATA CABLE					
No.	Colour	No.	Colour	No.	Colour
1	Red	10	Pink	19	Yellow/Blue
2	Blue	11	Turquoise	20	White/Blue
3	Green	12	Grey	21	Blue/Black
4	Yellow	13	Red/Blue	22	Orange/
5	White	14	Red/Green	23	Green/Blue
6	Black	15	Yellow/Red	24	Grey/Blue
7	Brown	16	White/Red	25	Yellow/
8	Violet	17	Red/Black		
9	Orange	18	Red/Brown		

Part Number	No. of Cores	Number of Cores/DIA (mm)	Nominal area (mm ²) per core	Current Rating (A)	Electrical Resistance @20°C (ohm/100m)	Capacitance wire-wire (pF/m)	Capacitance Bunched	Nominal O.D. (mm)	Cable Weight
DSC047020	4	7/0.20	0.2	1.4	8.9	90	145	4.8	3.2
DSC067020	6	7/0.20	0.2	1.4	8.9	90	145	5.5	4.2
DSC077020	7	7/0.20	0.2	1.4	8.9	90	145	6.5	5.4
DSC087020	8	7/0.20	0.2	1.4	8.9	90	145	5.9	6.6
DSC127020	12	7/0.20	0.2	1.4	8.9	90	145	6.9	9
DSC187020	18	7/0.20	0.2	1.4	8.9	90	145	8.1	11.9
DSC257020	25	7/0.20	0.2	1.4	8.9	90	145	9.3	16.8

DATA CABLE - MULTI PAIR

RS422 Overall Screened Austel Approved

Application: Internal and external inter-connections data communication equipment. (eg. Computers, PLCs, Intercoms, telemetering, signaling, alarm systems) **(RS422 balanced Construction)**

Construction: Tinned annealed copper wire conductor.
PVC Insulated to UL Style 1729.
Cores laid-up around centre core or filler.
Colour code - see chart this page
Screened by Aluminium/Polyester laminated foil tape (100%) with a 7/0.20mm tinned copper drain wire.
Sheathed in flame retardant UL Style 2464 Mist grey.

Packing: 100, 200, 300, 400 & 500 meter drum

Note: Maximum working voltage for cable is 300Volt RMS, Not suitable for mains connection

Capacitance wire-wire (pF/m)	Capacitance Bunched (pF/m)	Cross-talk @100kHz (dB/100m)	Impedance @ 100kHz Ohm	Attenuation @ 100kHz (dB/100m)
50	95	-50	135	0.8

Part Number	No. of Pairs	Number of Cores/DIA (mm)	Nominal area (mm ²) per core	Current Rating (A)	Electrical Resistance @20°C (ohm/100m)	Nominal O.D. (mm)	Cable Weight
DSP01P7020	1	7/0.20	0.2	1.4	8.9	5.2	2.3
DSP02P7020	2	7/0.20	0.2	1.4	8.9	5.9	3.2
DSP03P7020	3	7/0.20	0.2	1.4	8.9	6.2	4.1
DSP04P7020	4	7/0.20	0.2	1.4	8.9	6.7	4.7
DSP06P7020	6	7/0.20	0.2	1.4	8.9	7.8	6.1
DSP08P7020	8	7/0.20	0.2	1.4	8.9	8.4	7.1
DSP10P7020	10	7/0.20	0.2	1.4	8.9	9.8	8.9
DSP12P7020	12	7/0.20	0.2	1.4	8.9	10.2	10.2