



CC-Link 1.10 Cable

Application:

CC-Link® (Control & Communication Link) is a field network system that processes both control and information data at high speed, to provide efficient, integrated factory and process automation. CC-Link is particularly popular in Asia and is used worldwide for time critical applications . CC-Link is certified by CLPA and ensures product compatibility.



Construction:

Type	3 x 20AWG Cable
Inner Conductor	Plain copper conductors 20(7)AWG
Conductor Insulation	Foamed PE with a hard skin
Stranding Element	-
Core Wrapping	Polyester taped
Shielding	Aluminium foil
Total Shielding	Tinned copper wire braid – 78% optical coverage
Drain Wire	22(19)AWG tinned copper
Outer Jacket Material	PVC / PE
Core Identification	Yellow, White, Blue
Sheath colour	Red





Electrical Data:

Characteristic Impedance@1MHz	110 Ω ± 10Ω	
Conductor Resistance	36.0 Ohm/km max.	
Insulation Resistance	10.0GOhm x km min.	
Mutual Capacitance@1 KHz	60.0 nF/km nom.	
Working Voltage	Max:300v	
Test Voltage	2 KV	
Data Rate	156 Kbit/s	1200m
	625 Kbit/s	600m
	2.5 Mbit/s	200m
	5.0 Mbit/s	110-150m
	10.0 Mbit/s	50-100m
Attenuation	1kHz	16dB/100m
	5kHz	35dB/100m

Technical Data:

Weight	approximately 76.0 kg/km
Min. Bending Radius (Laying)	15 x OD mm
Operating Temp.Range, min.	- 40 °C
Operating Temp.Range, max.	+70 °C

* CC-Link® is a registered trademark of CC-Link® Partner Association, Japan (CLPA).

