

Y-ConCable**



Part Number (Details)

Y-ConCable - * *

Series Name

Digital Signal Cable:

1 = 100Mbit with power lines
(suitable for cable chain)
colour: Green

2 = 100Mbit without power lines
(**NOT** suitable for cable chain)
colour: Grey

Required Cable Length in mm (e.g. 100)

Specifications	Conductor Resistance	(Data) wire $0.22\text{mm}^2 \leq 90 \text{ Ohm / km}$ AWG 24 (Power) wire $0.38\text{mm}^2 \leq 55 \text{ Ohm / km}$ AWG 22
	Insulation Resistance	$\geq 1\text{G Ohm / km}$
	Dielectric Strength	500V / 50Hz for 1 min
	Capacitance	50NF / km approx.
	Characteristic Impedance	100 +/- 15 Ohm at 1Mhz to 100Mhz
	Near-end Crosstalk	at 100Mhz $\geq 32\text{db} / 100\text{m}$
	Flame Resistance	IEC 332-1
	Cable Diameter	6.8mm (+0.2)

Description	Y-ConCable-1*	Y-ConCable-2*
	100 Mbit, Cat 5, digital signal cable for use with Y-Con series plugs, with 4 data and 2 power lines, suitable for CABLE CHAIN use.	100 Mbit, Cat 5, digital signal cable for use with Y-Con series plugs, with 4 data lines, WITHOUT power. NOT suitable for CABLE CHAIN use.
Colour	Green	Grey
Jacket material	TPE-U (PUR), UL94V-0	PVC
Temp. range	-20°C ~ +80°C	-20°C ~ +80°C
Bending Radius	70mm multiple turns 40mm single turn	