

## Bulk Flat Flexible Cables FLEXLINK®

FLEXLINK® is a range of flat flexible cables supplied on the reel for any application where space reduction and flexibility are the most important criteria.

### Product advantages

- Compatible with the most commonly used crimp contacts,
- Flexibility,
- Temperature rating: -40°C to 105°C,
- Standard packaging: 150 m reels,
- UL style 2690.



BULK FLAT FLEXIBLE CABLE PRODUCTION

### Identification code

**M 1 S P 55**

#### NUMBER OF CONDUCTORS

2 to 55

#### CONDUCTOR MATERIAL

U=Bare copper  
P=Polarisation: First conductor : tin plated.  
Others : bare copper.

#### CONDUCTOR SIZE

For 1.25/1.27 pitch: S = 0.66 x 0.076  
For 2.54 pitch: L = 1.27 x 0.076  
M = 1.57 x 0.076

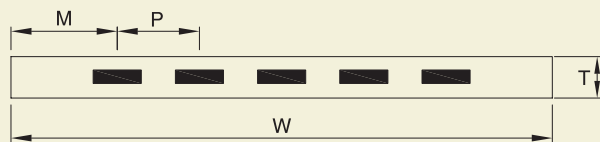
#### PITCH

7 = 1.25 mm  
1 = 1.27 mm  
2 = 2.54 mm

#### INSULATION MATERIAL

M = Polyester  
H = Polyimide (only available with bare copper conductors)

## General drawing



## Dimensions

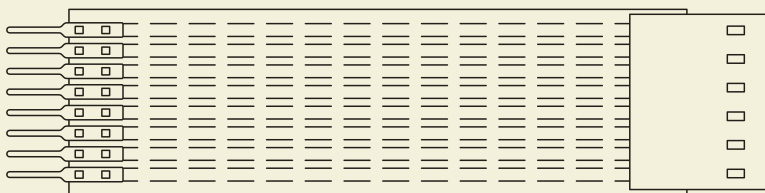
Cable reference	M-1-S	M-2-M	M-2-L
Pitch P (mm)	1.27	2.54	2.54
Total width W (mm)	1.27 x (N+1)	2.54 x (N+1)	2.54 x (N+1)
Margin width M (mm)	1.27	2.54	2.54
Cable thickness T (mm) for Polyester version	0.28	0.28	0.28
Cable thickness T (mm) for Polyimide version	0.20	0.20	0.20

## Electrical characteristics

Characteristics	M-1-S	M-2-M	M-2-L	
Current rating (A)	0.9 max.	3.0 max.		
Voltage rating (V A.C.)	300 max.			
Insulation resistance conductor to conductor (MΩ. m min)	10			
Capacitance (typical value at 1 KHz)	Cb (balanced, pF/m)	52	40	33
	Co (unbalanced, pF/m)	75	56	46
Impedance (typical value at 1 MHz)	Zb (balanced, Ω)	162	157	180
	Zo (unbalanced, Ω)	110	110	130
Resistance (Ω/km max) at 20°C	440	194	240	

## Flexlink® assembly

### Flexlink® cable with crimped contacts



Connector assemblies on request.