

Partnumber allocation FFC unshielded**P F H CUJ - 0.5 - 10 F - 120 - 6 S 4 / 8 S 4 (S1)****Design**

P = Polyester jumper (polyester adhesive)
(only with connection " F and " G)
Without = Standard - design (FRPVC - adhesive)

Applications

Without = Standard application with FRPVC adhesive
(not P- series)
F = Flexible application (not as P-type series
in 0.8 mm pitch)
S = Super-flexible application
(as FRPVC only in 1.0 / 1.25 mm pitch)
U = Ultra-flexible design (only as P-type series and only
in 1.25 mm pitch)

Pitch - performance

H = Only in conjunction with pitch 1,25 mm

Material - performance

CUJ = C U - Joiner

Pitch - size

0.5 = Pitch 0,5 mm (only as P – type series)
0,8 = Pitch 0,8 mm (only in design PSCUJ / FCUJ)
1.00 = Pitch 1,00 mm
1.25 = Pitch 1,25 mm

Conductor numbers

3 to 40 conductors

Foil design in the connection area

F = Foil reinforcement at both ends, same attachment ends reinforcement
G = Foil reinforcement at both ends, mirror-inverted reinforcement (only as P - type series)
H = Foil reinforcement at one end, other end without reinforcement
J = Both ends with foil reinforcement (conductors exposed)
K = Both ends with foil reinforcement, conductor formed for direct soldering in (PR = Profiled)
Y = Both ends with foil reinforcement, one end connection H, the other end connection K
Z = Foil reinforcement at one end, other end for direct soldering in (connection K , one sided)

Insulation length A (not total length)

18 mm to < 1488 mm

Foil reinforcement length

6S = 6 mm (Standard for pitch 0,5 mm)
6S = 6 mm (Standard for pitch 0,8 mm)
10S = 10 mm (Standard are 6,8,10 mm for Pitch 1,0 mm)
10S = 10 mm (Standard are 6,8,10 mm for Pitch 1,25 mm)

Length of the contact connection part

3 = 3 mm (Standard for Pitch 0,5 mm)
4 = 4 mm (Standard for Pitch 0,8 mm)
6 = 6 mm (Standard are 4,5,6 mm for Pitch 1,0 mm)
6 = 6 mm (Standard are 4,5,6 mm for Pitch 1,25 mm)

Different design and/or length of the contact connection part

8S4 = 8 mm reinforcement, 4 mm contact connection etc.
4PR = 4 mm contact connection, conductor formed for direct soldering (Profiled = PR) < Foil design K <
S1 = **TOLERANCE of the foil reinforcement ± 1.0 mm (only available as CUSTOM-MADE ITEM !)**
SS = **Semi-Strip (Only by Pitch 1.0 mm and 1.25 mm) for foil design "H" and "J"**

ANNOTATION: The foil reinforcement length and the length of the contact connection can also be specifically custom-made. The foil reinforcement must however be a minimum of 2 mm longer than the length of the connection. The contact – connection length must however at least correspond to the demands of the plug connector being used. The **TOTAL LENGTH** of the jumpers (L) resulting from the insulation length (A) + 2 x the length of the contact connection of the conductor (B) for example: L = 128 mm = 120 mm (A) + 2 x 4mm (B) = 128 mm
or : 128 mm total length (L) - 2 x 4 mm (B) = 120 mm insulation length A