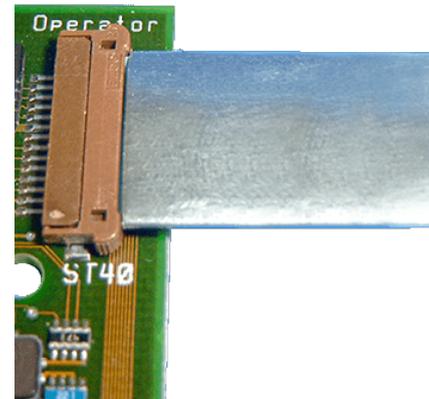


## 4700S - Ready-made cable shielding sleeve

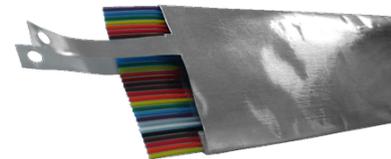
The ready-made sleeve (EMI-screening sleeve) for flat cables allows easy cable routing during assembly. The material is a highly conductive Amucor film offering full 360° protection against electromagnetic radiation. Shielding performance can even be improved using optional grounding connections.

For placing or curving flat cables there is an ultra flexible solution with conductive textile with a self-adhesive, combining superb mechanical and EMI-screening properties. The sleeve is also available for round cables with a diameter up to 45mm. The product can be supplied in rolls of up to 100 meters.

Ready-made sleeves can be supplied in **Amucor** or in **Conductive textile (fabric)**. The material provides high shielding performance. The ready-made sleeve is used for cables with large diameters and flat cables and can be produced with a self-adhesive backing so that the EMI shielding remains securely in place.



*Ready-made sleeve for flat cable.  
The sleeve is made from Amucor foil*



*Ready-made sleeve with grounding connections*

### Part numbers

- 4701S** : Reinforced Amucor foil
- 4702S** : Reinforced Amucor foil + self-adhesive
- 4711S** : Conductive fabric
- 4712S** : Conductive fabric + self-adhesive
- 4713S** : Conductive fabric + conductive self-adhesive

### Standard widths

Width range(mm)	Part number
3-5	4701S-2-5
5-8	4701S-2-8
8-12	4701S-2-12
12-15	4701S-2-15
15 -18	4701S-2-18
18 -22	4701S-2-22
22-25	4701S-2-25
25-30	4701S-2-30
30- 35	4701S-3-35
35-40	4701S-3-40
40-45	4701S-3-45
45-50	4701S-3-50
50-60	4701S-3-60
60-70	4701S-3-70
70-80	4701S-3-80
80-90	4701S-3-90
90-100	4701S-3-100

\*Any other width available upon request, without tooling costs

### Shielding performance (dB)

Frequency MHz	Mode	Attenuation dB	
		Amucor	Conductive textile
1M	E	121	115
10M	E	110	108
100M	E	103	102
400M	E	98	92
1G	P	93	90
10G	P	90	87

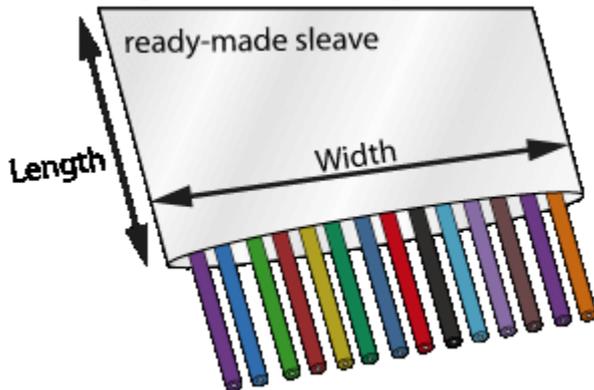
*These values are measured under laboratory conditions.  
In other situations results may differ; please read our Guarantee.*

## 4700S - Ready-made cable shielding sleeve

### Article on EETimes

Flat Cable Shielding Sleeve - EMI protection for the weakest spot  
Electronics Express Europe

### Order example technical drawing



*Technical drawing: How to specify the length and width of the ready-made cable shield*

Part number	Height (mm)	Width (mm)	Length (mm)
<b>Select an option:</b>			
4701S : Reinforced Amucor foil	Specify the height of the cable in mm	Specify the width of the cable in mm	Specify the length per sleeve
4702S : Reinforced Amucor foil + self-adhesive			
4711S : Conductive fabric			
4712S : Conductive fabric + self-adhesive			
4713S : Conductive fabric + conductive self-adhesive			