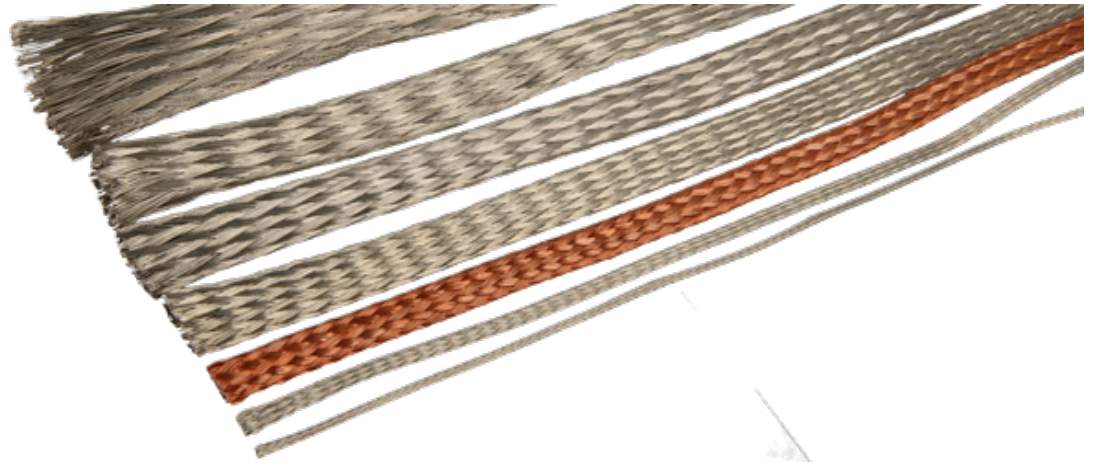


Full metal flexible cable shielding



Full metal flexible cable shielding 4800

Mu-copper cable shielding, flexible shielding tube for high shielding performance. A wide range of cable diameters can be shielded with a single tube.

Full metal flexible cable shielding is a ready-to-use Mu-copper wire or tinned Mu-copper wire braided tube through which a cable or bundle of cables can be pulled. When the braided full metal flexible cable shielding is compressed lengthwise, the diameter expands to simplify the assembly. Therefore a wide range of cable diameters can be shielded with a single flexible shielding tube.

Please note that the Full metal flexible cable shielding has to be expanded for larger diameters and that a larger nominal length will then be required - up to twice the length of the cable.

Typical EMI/RFI problem areas behind connectors and backshells can easily be shielded with the 4800 series Full metal flexible cable shielding (a.k.a. tubular braids). Multiple sizes are available to shield problem areas at the ends of cables or harnesses where additional EMI/RFI shielding is necessary to meet demanding specifications

Part numbers

Diameter (mm)	Diameter (inch)	Part number	mm ²
0 - 3	0 - 0.12	4803	0.5
3 - 6	0.12 - 0.24	4806	1.32
5 - 15	0.2 - 0.59	4815	7.9
12 - 24	0.47 - 0.95	4824	12.4
20 - 36	0.79 - 1.42	4836	19.4
32 - 48	1.26 - 1.89	4848	-
42 - 60	1.65 - 2.36	4860	-

For larger diameters, please consider our 4730-4760 - Wrapshield

Full metal flexible cable shielding



When the flexible Full metal flexible cable shielding is compressed lengthwise, the diameter expands to simplify the assembly

Advantages of Full metal flexible cable shielding

- Highly flexible
- High EMI/RFI-shielding performance
- Wide range of applications
- Easy to cut
- Useful in a broad range of temperatures and environments

Mounting options

1. Tie wrap
2. Tape
3. Cable entry

Shielding performance

Electrical field		
Frequency MHz	Mode	Screening dB
1 M	E	121
10 M	E	110
100 M	E	103
400 M	E	98
1 G	E	93
10 G	E	90
Magnetic field		
10 k	H	10
100 k	H	14
1 M	H	21

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

Part number	Length (m)
Select an option:	
4803 : Ø 0 - 3 mm	Standard roll lengths : 10, 25, 50 meters
4806 : Ø 3 - 6 mm	
4815 : Ø 5 - 15 mm	
4824 : Ø 12 - 24 mm	
4836 : Ø 20 - 36 mm	
4848 : Ø 32 - 48 mm	
4860 : Ø 42 - 60 mm	

* Note: The **red** blocks are required