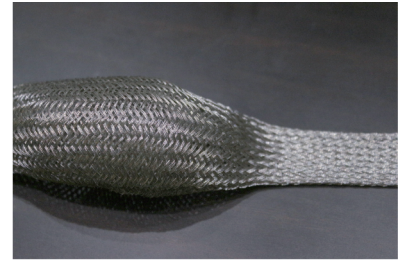


EMI Shielding Wire Tube (Protect Sleeve Tube)



This functional fabric tubing is designed with the purpose of EMI (electro-magnetic interference) shielding. Using our metal coiling technique, we have manufactured a novel composite material of aramid (fiber glass) core covered with copper plating. The composite material is then braided into a tube that may be used to encase any sort of cables in need of EMI protection. This braided design allows the tube structure to expand, which means the ability to accommodate a wider range of cables with different thicknesses, as well as the bendability to wrap around all sorts of objects.

Applications

Cable casing for most sensitive instruments.

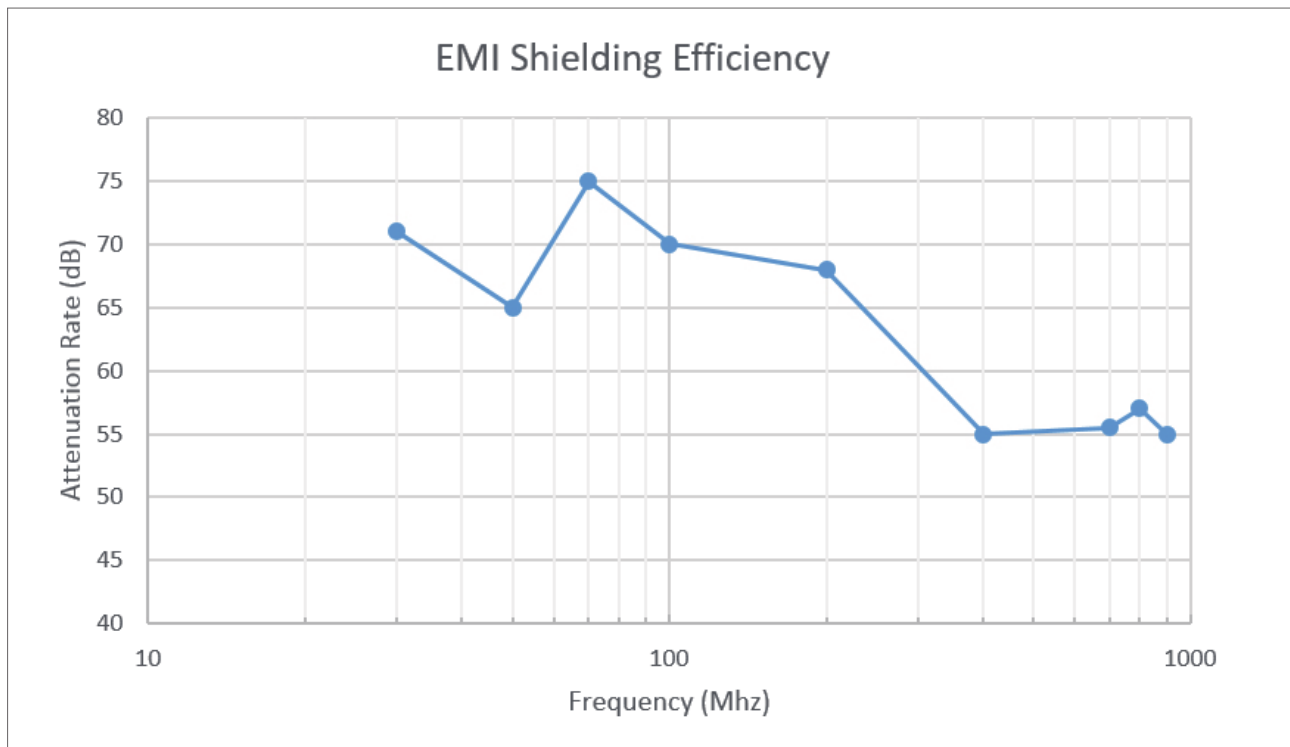
Advantages

- The strength of this fiber lies in its expandability. By compressing the length of the cable, the diameter may increase 1.5 to 4 times its diameter at taut state.
- Exceptional flexibility allows the fiber to bend or curve across any object.
- Incorporation of conductive yarn in the braided weave allows for superior EMI shielding.
- Three different diameter sizes ranging from 3-15 ϕ covers most of the cable size spectrum currently in the market.
- The soft textile nature of this material is a smart design that allows it to cover all forms of shape.
- The mesh structure formed from braiding reduces moisture and vapor buildup inside.
- Heat resistance: Can resist temperatures up to 600 degrees Celsius.
- RoHS certified eco-friendly.
- OEM / ODM available.

Yarn Composition

Core: aramid (fiber glass) | Covering: tin plated copper

EMI Shielding Efficiency



★ Standard item:

Product	Smallest Diameter (ø)	Largest Diameter (ø)	Width When Taut (mm)	(c)
KPTS-3	3	12	6	3
KPTS-6	6	22	15	3
KPTS-15	15	28	19	3

Standard put up: 100M per roll, 4 rolls per carton.

