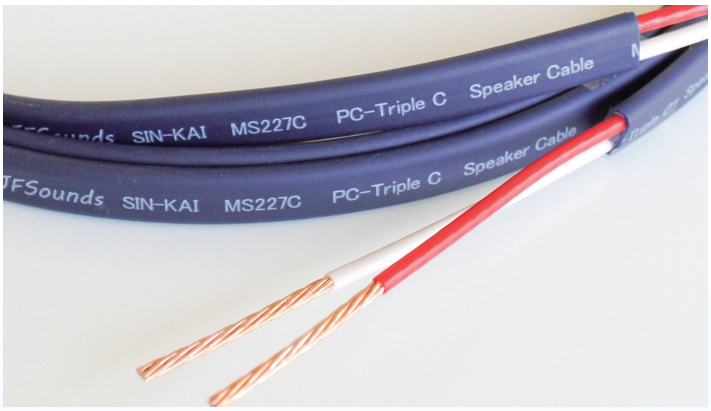
JFSounds

"JFSounds" is an Audio Brand for Japan Fine Steel Co., Ltd.



JFS is specialist in fine steel wire manufacturing for Semi-Conductor and Solar wafer slicing.
We are utilising JFS's knowledge to provide Copper and Magnesium wire inside speaker cable.

Speaker Cable MS227C

Magnesium Wire in the Core material
New Idea: Speaker Cable

Why Magnesium?

●Magnesium is the lightest structual metal currently available in the world.

●Weight is 1/5 of Copper wire. Specific gravity(g/cm3) Pure Magnesium 1.7 Copper 8.8
Magnesium has excellent fabrication characteristics.
●Damping capacity: Magnesium is one of the best metals for vibration absorption.
●Electromagnetic wave shield: Magnesium has a good EMI (Electromagnetic Interference) shielding capacity.
●Heat dissipation: Magnesium disperses heat quickly.

What is the Vibration damping effect on Cable?

What is the Vibration damping effect when it becomes Cable ?
Advantage of using pure magnesium as a core material is that if the percentage of Magnesium increases, electrical conductivity will be reduced, but logarithmic decrement will be increased.
By using magnesium wire in the speaker cable, the speaker cable's vibration damping will be improved therefore the sound becomes more clear on high tone, and high contrast sounds are expected.

Characteristics of MS227C

●Using Magnesium wire in the Core area.

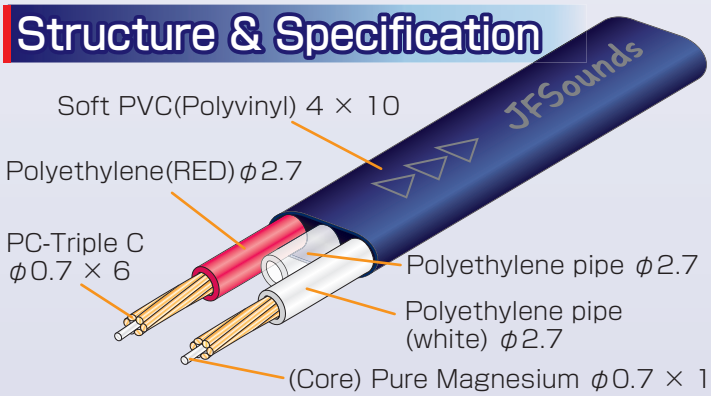
Magnesium is high vibration absorbent material which has been used in various markets.
In particular, pure magnesium(99.95%) has been used in the core to absorb vibration and give a clear high tone.

●PC-Triple C φ0.7mm × 6 stranded wire.

●Polyethylene for insulator.

Using Polyethylene pipe material to separate the two cables inside and using Polyethylene insulated PVC sheathed cable.

Structure & Specification



<"PC-Triple C" Patented in Japan>

Profile

- Product: MS227C
- Cable Outer Dia: 4 × 10mm
- Conductor: PC-Triple C φ0.7 × 6 pcs
- Core Conductor:
  Pure Magnesium(99.95%) φ0.7 × 1pcs
- Structure:
  7 wire stranded with 2 parallel core wire structure
- Conductor Cross Section: Cu 2.3sq, Total 2.7 Sq
- Electrostatic capacity: 36(pF/m)
- Conductor resistance: 7.8 (mΩ/m)
- **Audio Cables are Coming Soon !**
  www.jpfs.co.jp/product/jfsounds.html

●Contact
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