

Hybrid Sound

**TiGLON**

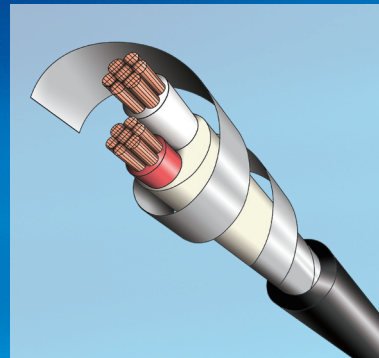
## About Magnesium Shielded Cables

◆ **Characteristics of Magnesium:**

Excels beyond all other practical metals in vibration absorption, electromagnetic shielding, and heat radiation characteristics.

◆ **Magnesium Shielding Technology (patent no. 4282759):**

TiGLON cable is shielded with magnesium foil tape wound spirally from IN to OUT direction. The shield layer (foil) is electrically insulated from IN end terminal furthermore electrically connected to cold terminal on OUT end.



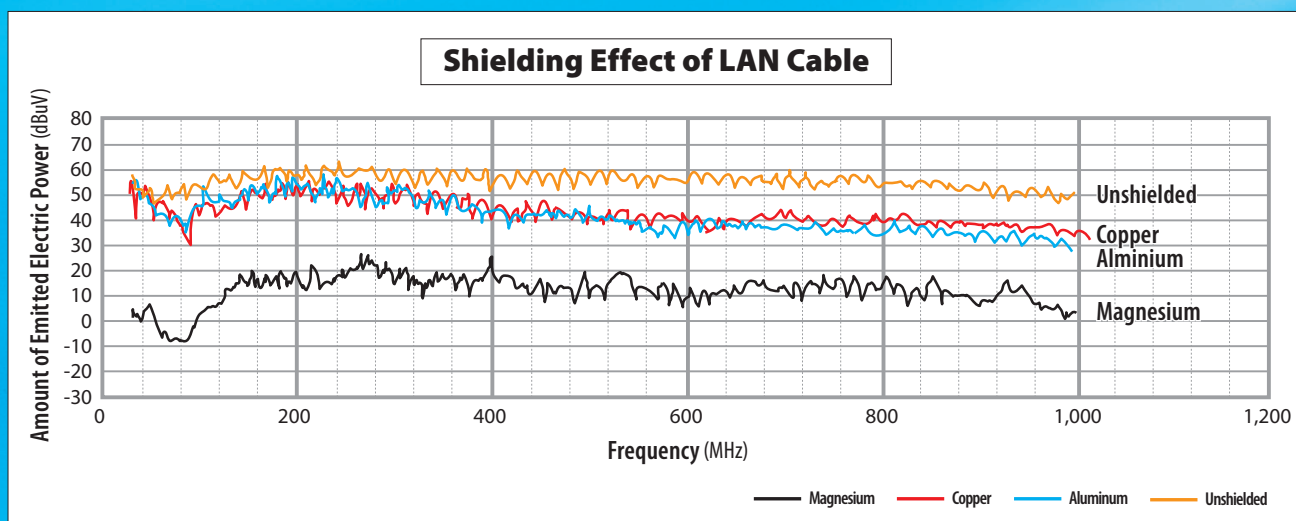
◆ **Effects of Magnesium Shield:**

Eliminates to the limit the influences of external noise invading through cable.

- \* High "electromagnetic wave" shielding effect
- \* Excellent "vibration" absorption effect
- \* High level of "heat radiation" effect
- \* Magnesium boasts almost no resonance inherent sound (resonance elements), free from ridden by metallic sound.

◆ **Objective Data:**

Below is the test results measured by JECTEC Japan Electric Cable Technology Center, Inc.



**ELECTRIC CABLE SHIELD STRUCTURE : PCT/JP2010/000422**

**Patent Applied For : <PCT/JP2010/000422> USA-<US-2011-0290556-A1> EPO-<2 380 179>**

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