

TISA-BRAID® GTB50

SCREENING BRAID

-65°C +150°C**FEATURES AND ASSETS:**

- **Expandable tubular sleeving**
- **High protection against electromagnetic interferences (EMI)**
- **Easy to install**
- **Supplied round on plastic former**

TYPICAL APPLICATIONS:

- **EMI screening**

MARKETS

- **Aerospace**
- **Marine**
- **Military**

CHARACTERISTICS**CONSTRUCTION**

- Main products : refer to table

PHYSICAL-CHEMICAL

- Continuous working temperatures :
 - Tin plated type : -65°C to +150°C
 - Nickel plated type : -65°C to + 260°C

PRODUCTS

- The sheath is braided on an easy removable polyolefin or PVC former.

PACKAGING

- Spools

OPTIONS

- Other inner diameters and stranding : consult us
- Sheaths supplied in cut lengths : consult us
- Tubular sheath of bare, nickel-plated or silver plated copper

EMI REQUIREMENTS

- Optical cover : Between 96% and 99%
- Shielding effectiveness from 50 to 95dB according to diameter and frequencies

APPLICATIONS

- Interferences suppression, earth, ground wire, sheathing of cable bundles.
- Mechanical protection of cable bundles

STANDARDS OR SPECIFICATIONS

- Optional VG 96936-10/type A : See GTB58

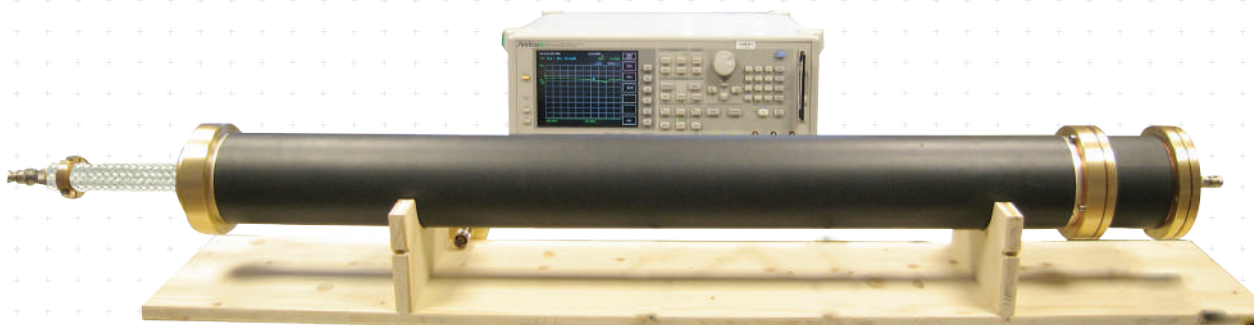


TISA-BRAID® GTB50

REFERENCES	NOMINAL DIAMETER ON FORMER (mm.)	RECOMMENDED APPLICATION RANGE (mm.)	NOMINAL DIAMETER OF SINGLE STRAND OF SCREEN (mm.)	MAXIMUM RESISTANCE AT 20°C AT SUPPLIED DIAMETER (Ω/km)	SPOOLS (m.)
TIN PLATED					
GTB50 - 38T030/500	3	3,5 - 5,0	0,10	17	500
GTB50 - 36T040/500	4	4,5 - 7,0	0,13	10,30	500
GTB50 - 36T060/500	6	5,5 - 8,5	0,13	8	500
GTB50 - 36T075/500	7,5	7,5 - 13,5	0,13	5,20	500
GTB50 - 36T100/250	10	13 - 17,5	0,13	3,96	250
GTB50 - 36T125/200	12,5	15 - 19,5	0,13	3,23	200
GTB50 - 36T200/100	20	19 - 30	0,13	2,32	100

REFERENCES	NOMINAL DIAMETER ON FORMER (mm.)	RECOMMENDED APPLICATION RANGE (mm.)	NOMINAL DIAMETER OF SINGLE STRAND OF SCREEN (mm.)	MAXIMUM RESISTANCE AT 20°C AT SUPPLIED DIAMETER (Ω/km)	SPOOLS (m.)
NICKEL PLATED					
GTB50 - 38N030/500	3	3,5 - 5,0	0,10	17,3	500
GTB50 - 36N040/500	4	4,5 - 7,0	0,13	10,5	500
GTB50 - 36N060/500	6	5,5 - 8,5	0,13	8,10	500
GTB50 - 36N075/500	7,5	7,5 - 13,5	0,13	5,23	500
GTB50 - 36N100/250	10	13 - 17,5	0,13	4,02	250
GTB50 - 36N125/200	12,5	15 - 19,5	0,13	3,28	200
GTB50 - 36N200/100	20	19 - 30	0,13	2,35	100

The screening performance of GTB50 braid has been independently tested and verified using an industry standard triaxial test method (IEC 62153-4-3-2006)



Triaxial Test Equipment used for determining transfer impedance. These figures are those of our standard TISA-BRAID® GTB50 range. Please contact us for special construction.

