

METALTRESSE®

**GTCA150
GTCA200
GTCN127**



Supplied on an internal former to aid installation and maintain the shape and form of braid in transit and prior to installation

Characteristics

• Thermal
Continuous operating temperature:
GTCA: -60°C to +200°C
GTCN: -60°C to +250°C

• Electrical
Protection from electromagnetic interference (EMI):
★★★★★
Minimum of 96% Optical Coverage

Applications

High value applications in aerospace and defence industries. **METALTRESSE®** ensures excellent electrical and thermal protection of the cable harnesses for optimal signal transmission.

This product is recommended for wiring systems requiring **very high levels of protection from EMI**

VERSIONS

Model	Type of strand	Minimum optical coverage	Minimum guaranteed thickness (µm)
GTCA150	Silver-plated copper	96%	1.50
GTCA200	Silver-plated copper	96%	2.00
GTCN127	Nickel-plated copper	96%	1.27

GTCA** - CONSTRUCTION

Internal diameter (mm)	Number of wires (minimum)	Strand Size (mm)	Approx. linear weight* (kg / km)	Maximum linear resistance at 20°C (Ω / km)
2	80	13 / 100	11.0	19.0
4	128	15 / 100	23.0	9.3
6	168	15 / 100	34.0	7.9
8	168	20 / 100	60.0	4.3
10	216	20 / 100	73.0	3.2
12	256	20 / 100	88.0	2.7
14	256	20 / 100	102.0	3.2
15	336	20 / 100	109.0	2.0
16	336	20 / 100	116.0	2.1
18	336	20 / 100	130.0	1.8
20	448	20 / 100	145.0	1.6

GTCN** - CONSTRUCTION

Internal diameter (mm)	Number of wires (minimum)	Strand Size (mm)	Approx. linear weight (kg / km)	Maximum linear resistance at 20°C (Ω / km)
2	80	13 / 100	11.0	26.0
4	128	15 / 100	23.0	19.0
6	168	15 / 100	34.0	12.0
8	168	20 / 100	60.0	10.0
10	216	20 / 100	73.0	7.6
12	256	20 / 100	88.0	6.5
14	256	20 / 100	102.0	5.6
15	336	20 / 100	109.0	4.6
16	336	20 / 100	116.0	4.0
18	336	20 / 100	130.0	3.5
20	448	20 / 100	145.0	2.4

*Approximate linear weight excluding internal thermoplastic former

**GTCA200 diameter 2mm : wire diameter is 1.5/100 mm and linear weight is 13.5 kg/km

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company CGP SAS shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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